



# **Wisconsin Department of Natural Resources**

## **List of Certified Commercial Laboratories**

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### **Bureau of Science Services**

### **Laboratory Certification and Registration Program**



# Wisconsin Department of Natural Resources

## List of Certified Commercial Laboratories

*This list is generally printed twice annually. To obtain a more recent list, please call (608) 267-7633 or send e-mail to DNRLabCert@Wisconsin.gov. Certification or registration by the State of Wisconsin under Ch. NR 149, Wis. Adm. Code is not an endorsement or guarantee of the validity of the data generated by a laboratory.*

### Accutest Laboratories of New England

ID: 399080220

495 Technology Ctr West Bldg 1

Marlborough MA 01752-

Phone: (508) 481-6200

Contact: Robert Treggiari

robertt@accutest.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Cyanide, Available
- Cyanide, Total
- Iron
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Silica
- Sulfate
- Sulfide
- Surfactants
- Turbidity

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Fluoride
- pH
- Specific Conductance
- Sulfide

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Settleable
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Ammonia as N

- Chemical Oxygen Demand (COD)
- Chloride
- Chlorine, Total Residual (TRC)
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- Sulfite

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 1,2-Dichlorobenzene
- 1,3-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,4,5-T
- 2,4-D
- Benzene
- Chlorobenzene
- Dalapon

- Dicamba
- Ethylbenzene
- Methyl tert-Butyl Ether (MtBE)
- Naphthalene
- Silvex (2,4,5-TP)
- Toluene
- Xylenes, Total

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Disulfoton
- Parathion (Parathion Ethyl)
- Parathion Methyl

#### Liquid Chromatography (HPLC)

- ## PAH (group)
- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- Acetaldehyde
- Formaldehyde
- HMX
- Nitrobenzene
- RDX

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrate - EPA 353.2
- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

- Barium - EPA 200.7
- Beryllium - EPA 200.7
- Cadmium - EPA 200.7
- Chromium - EPA 200.7
- Copper - EPA 200.7
- Mercury - EPA 245.1
- Nickel - EPA 200.7

#### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - SM 4500-Cl- D
- Chlorine, Free - SM 4500-Cl F
- Chlorine, Total - SM 4500-Cl F

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- Conductivity - SM 2510 B
- Orthophosphate - SM 4500-P E
- pH - EPA 150.1
- pH - SM 4500-H+ B
- Sulfate - SM 4500-SO42- C, D
- TDS (Total Dissolved Solids) - SM 2540C
- Turbidity - EPA 180.1

### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Magnesium - EPA 200.7
- Manganese - EPA 200.7
- Silica - SM 4500-SiO2 C
- Silver - EPA 200.7
- Sodium - EPA 200.7
- Zinc - EPA 200.7

### SOC - Miscellaneous

- Ethylene Dibromide (EDB) - EPA 504.1

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Phenolics, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- pH

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper

- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- Benzene
- Dalapon
- Dicamba
- Ethylbenzene
- Methyl tert-Butyl Ether (MtBE)
- Naphthalene
- Silvex (2,4,5-TP)
- Toluene
- Xylenes, Total

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Disulfoton
- Parathion (Parathion Ethyl)
- Parathion Methyl

### Liquid Chromatography (HPLC)

- ## PAH (group)
- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene

- Acetaldehyde
- Formaldehyde
- HMX
- Nitrobenzene
- RDX

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability, Setflash Closed Cup
- Paint Filters Liquids Test

### **AgSource Cooperative Services**

ID: 737109450

**1001 Frontage Road**

**Stratford WI 54484-**

**Phone: (715) 687-4165**

**Contact: Luci Hardrath**  
**lhardrath@agsource.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfate

#### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO3

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- Alkalinity
- Chloride
- Kjeldahl Nitrogen, Total

### Flame AA

- Antimony
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Sodium
- Zinc

### Graphite Furnace AA

- Antimony
- Arsenic
- Barium
- Beryllium
- Chromium (Total)
- Copper
- Lead
- Molybdenum
- Selenium
- Thallium

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Fluoride - EPA 300.0
- Fluoride - SM 4500F- C
- Nitrate - EPA 300.0
- Nitrate - SM 4500-NO<sub>3</sub>- D
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0
- Nitrite - SM 4500-NO<sub>2</sub>- B

#### Primary Inorganics (Metals)

- Antimony - SM 3113B
- Arsenic - SM 3113B
- Barium - SM 3113B
- Chromium - SM 3113B
- Copper - SM 3113B
- Lead - SM 3113B
- Selenium - SM 3113B

#### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B

- Chloride - EPA 300.0
- Chloride - SM 4500-Cl- B
- Sulfate - EPA 300.0
- Sulfate - SM 4500-SO<sub>4</sub><sup>2-</sup>- E

#### Secondary Contaminants (Metals)

- Calcium - SM 3111B
- Iron - SM 3111B
- Magnesium - SM 3111 B
- Sodium - SM 3111B

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Nitrate + Nitrite
- Phosphorus, Total

#### Electrometric Assay (ISE)

- Ammonia as N

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Chloride
- Kjeldahl Nitrogen, Total

#### Flame AA

- Antimony
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Sodium
- Zinc

#### Graphite Furnace AA

- Antimony
- Arsenic
- Barium
- Beryllium
- Lead
- Molybdenum

- Selenium
- Thallium

### **ALS Environmental - Holland**

ID: 399084510

**3352 128th Avenue**

**Holland MI 49424-**

**Phone: (616) 399-6070**

**Contact: Dan Delinger**  
**dan.delinger@alsglobal.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Chlorine, Total Residual (TRC)
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

#### Electrometric Assay (ISE)

- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>

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### Cold Vapor AA or Hydride AA

- Mercury

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total

- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

### Electrometric Assay (ISE)

- pH
- Specific Conductance

### Gravimetry - Residue

- Residue, Total

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Sulfate

### Cold Vapor AA or Hydride AA

- Mercury

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup
- Paint Filters Liquids Test

### **ALS Environmental - Kelso**

ID: 998386840

**1317 South 13th Avenue**

**Kelso**

**WA 98626-**

**Phone: (360) 577-7222**

**Contact: Lee Wolf**

**Lee.Wolf@alsglobal.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Nitrate
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfide

### Combustion or Oxidation

- Adsorbable Organic Halides (AOX)
- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride
- Kjeldahl Nitrogen, Total

### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

### Ion Chromatography (IC)

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- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

### Titrimetry or Potentiometric Titration

- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

### Cold Vapor AA or Hydride AA

- Arsenic
- Mercury
- Selenium

### Graphite Furnace AA

- Arsenic
- Lead
- Selenium
- Thallium

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium

- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PCB CONGENERS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Azinphos methyl (Guthion)
- Benzene
- Bolstar
- Chlorpyrifos
- Coumaphos
- Demeton-O
- Demeton-S
- Diazinon
- Dichlorvos (DDVP)
- Dimethoate
- Disulfoton
- EPN
- Ethoprop
- Ethylbenzene
- Fensulfothion
- Fenthion
- Malathion
- Merphos
- Mevinphos
- m-Xylene
- o-Xylene
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Phorate
- p-Xylene
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Tetrachlorvinphos (Stirofos)
- Tokuthion (Prothiofos)

- Toluene
- Trichloronate

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Diazinon
- Disulfoton
- Malathion
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Phorate
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)

### Matrix: Solid

### Colorimetry / Turbidimetry

- Ammonia as N
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Nitrate
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfide

### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

### Electrometric Assay (ISE)

- Ammonia as N
- Kjeldahl Nitrogen, Total

### Gravimetry - Residue

- Residue, Total

### Ion Chromatography (IC)

- Chloride
- Fluoride
- Sulfate

### Titrimetry or Potentiometric Titration

- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

### Cold Vapor AA or Hydride AA

- Arsenic
- Mercury
- Selenium

### Graphite Furnace AA

- Arsenic
- Lead
- Selenium

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### Thallium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Ultra-Low Level Metals Assays

- Mercury

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PCB CONGENERS (group)
- 4,4'-DDD
- 4,4'-DDE
- 4,4'-DDT
- Aldrin
- alpha-BHC
- Azinphos methyl (Guthion)
- Benzene
- beta-BHC (β-BHC)
- Bolstar
- Chlordane (Technical)
- Chlorpyrifos
- Coumaphos
- delta-BHC
- Demeton-O
- Demeton-S
- Diazinon
- Dichlorvos (DDVP)
- Dieldrin
- Dimethoate
- Disulfoton
- Endosulfan I
- Endosulfan II
- Endosulfan Sulfate
- Endrin
- Endrin Aldehyde
- EPN
- Ethoprop
- Ethylbenzene
- Fensulfothion
- Fenthion
- gamma-BHC (Lindane)
- Heptachlor
- Heptachlor Epoxide
- Isodrin
- Malathion
- Merphos
- Methoxychlor
- Mevinphos
- Mirex
- m-Xylene
- o-Xylene
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Phorate
- p-Xylene
- Sulfotepp (Tetraethyl dithiopyrophosphate)

- Tetrachlorvinphos (Stirofos)

- Tokuthion (Prothiofos)

- Toluene

- Toxaphene

- Trichloronate

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Diazinon
- Disulfoton
- Malathion
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Phorate
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)

#### Waste Characterization Extractions

- TCLP Extraction

#### Waste Characterization Assays

- Corrosivity Toward Steel
- Ignitability, Setaflash Closed Cup

### Alternative Technologies Inc

ID: 998094350

12350 River Ridge Blvd  
Burnsville MN 55337-  
Phone: (952) 894-3455

Contact: John Buckland  
buckland@mr.net

TYPE: Commercial Environmental Lab

Matrix: Solid

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

### Ann Arbor Technical Services Inc (ATS)

ID: 998321720

290 South Wagner Road  
Ann Arbor MI 48103-  
Phone: (734) 995-0995

Contact: Sarah Stubblefield  
stubblefield@annarbortechservices.com

TYPE: Commercial Environmental Lab

Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Phosphorus, Total

#### Gravimetry - Residue

- Residue, Nonfilterable (TSS)



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### ▪ Residue, Total

Cold Vapor AA or Hydride AA

### ▪ Mercury

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

GC-Mass Spectrometry (GC/MS)

- ## PESTICIDES, ORGANOCHLORINE (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Solid

Gravimetry - Residue

### ▪ Residue, Total

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium

### ▪ Beryllium

### ▪ Boron

### ▪ Cadmium

### ▪ Calcium

### ▪ Chromium (Total)

### ▪ Cobalt

### ▪ Copper

### ▪ Iron

### ▪ Lead

### ▪ Lithium

### ▪ Magnesium

### ▪ Manganese

### ▪ Molybdenum

### ▪ Nickel

### ▪ Phosphorus, Total

### ▪ Potassium

### ▪ Selenium

### ▪ Silicon

### ▪ Silver

### ▪ Sodium

### ▪ Strontium

### ▪ Thallium

### ▪ Tin

### ▪ Titanium

### ▪ Vanadium

### ▪ Zinc

Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

GC-Mass Spectrometry (GC/MS)

- ## PESTICIDES, ORGANOCHLORINE (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### **Badger Laboratories & Eng Co Inc**

**ID: 445023150**

**501 W Bell Street**

**Neenah WI 54956-1392**

**Phone: (920) 729-1100**

**Contact: Jeffrey Wagner  
jwagner@badgerlabs.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

Colorimetry / Turbidimetry

- Alkalinity

### ▪ Ammonia as N

### ▪ Boron

### ▪ Chemical Oxygen Demand (COD)

### ▪ Chloride

### ▪ Chromium (Hexavalent)

### ▪ Cyanide, Available

### ▪ Cyanide, Total

### ▪ Hardness, Total as CaCO3

### ▪ Kjeldahl Nitrogen, Total

### ▪ Nitrate + Nitrite

### ▪ Orthophosphate

### ▪ Phenolics, Total

### ▪ Phosphorus, Total

### ▪ Silica

### ▪ Sulfate

### ▪ Surfactants

Electrometric Assay (ISE)

### ▪ Ammonia as N

Gravimetry - Residue

### ▪ Residue, Filterable (TDS)

### ▪ Residue, Nonfilterable (TSS)

### ▪ Residue, Total

### ▪ Residue, Volatile (TVS)

### ▪ Residue, Volatile, Nonfilterable (TVSS)

Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

Ion Chromatography (IC)

### ▪ Chloride

### ▪ Fluoride

### ▪ Nitrate

### ▪ Nitrate + Nitrite

### ▪ Nitrite

### ▪ Sulfate

Titrimetry or Potentiometric Titration

### ▪ Acidity as CaCO3

### ▪ Alkalinity

### ▪ Calcium

### ▪ Sulfide

### ▪ Sulfite

Cold Vapor AA or Hydride AA

### ▪ Mercury

Flame AA

### ▪ Aluminum

### ▪ Antimony

### ▪ Barium

### ▪ Beryllium

### ▪ Cadmium

### ▪ Calcium

### ▪ Chromium (Total)



# Wisconsin Department of Natural Resources

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- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

### Graphite Furnace AA

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Vanadium

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Antimony - SM 3113B
- Arsenic - SM 3113B
- Barium - SM 3111D
- Cadmium - SM 3113B
- Chromium - SM 3113B
- Copper - SM 3111B
- Lead - SM 3113B
- Mercury - EPA 245.1

- Nickel - SM 3113B
- Selenium - SM 3113B

#### Secondary Contaminants (Non-Metals)

- Sulfate - EPA 300.0

#### Secondary Contaminants (Metals)

- Sodium - SM 3111B

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Boron
- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Calcium
- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### Flame AA

- Aluminum
- Antimony
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum

- Nickel
- Potassium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### Graphite Furnace AA

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Vanadium

#### Waste Characterization Extractions

- TCLP Extraction

#### Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup

**Badger Technical Services LLC/Badger A**  
**ID: 157005530**  
**Badger Army Ammunition Plant**  
**Baraboo WI 53913-5000**  
**Phone: (608) 643-3361**  
**Contact: Michael Conry**  
**mconry@specpro-inc.com**  
**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Phosphorus, Total

#### Gravimetry - Residue

- Residue, Nonfilterable (TSS)
- Residue, Total

#### Ion Chromatography (IC)

- Chloride
- Nitrate

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- Nitrate + Nitrite
- Nitrite
- Sulfate

### Titrimetry or Potentiometric Titration

- Alkalinity

### Cold Vapor AA or Hydride AA

- Mercury

### Graphite Furnace AA

- Arsenic
- Lead

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- 2,3-Dinitrotoluene
- 2,5-Dinitrotoluene
- 2-Methyl-3-nitroaniline
- 2-Methyl-5-nitroaniline
- 2-Methyl-6-nitroaniline
- 2-Nitrotoluene
- 3,4-Dinitrotoluene
- 3,5-Dinitrotoluene
- 3-Nitrotoluene
- 4-Methyl-2-nitroaniline

- 4-Methyl-3-nitroaniline
- 4-Nitrotoluene
- 5-Methyl-2-nitroaniline

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0

#### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

#### Volatile Organic Compounds (VOC)

- ## VOCS, REGULATED (group) - EPA 524.2
- ## VOCS, UNREGULATED (group) - EPA 524.2

### **Braun Intertec Corporation**

ID: 999462640

**11001 Hampshire Avenue S**

**Minneapolis MN 55438-**

**Phone: (952) 995-2674**

**Contact: Craig Foxhoven**

**cfoxhoven@braunintertec.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Chlorophyll
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfide

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Chloride
- Nitrate
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>

- Alkalinity

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium

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- Silver
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

- Arsenic - EPA 200.8
- Barium - EPA 200.8
- Cadmium - EPA 200.8
- Chromium - EPA 200.8
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 245.1
- Selenium - EPA 200.8

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)

- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

#### Waste Characterization Extractions

- EPTOX Extraction
  - SPLP Extraction
  - TCLP Extraction
- Waste Characterization Assays
- Ignitability, Pensky-Martens Closed Cup

### **Cardinal Environmental, Inc.**

ID: 460024950

**3303 Paine Ave**

**Sheboygan**

**WI 53081-**

**Phone: (920) 459-2500**

**Contact: Arthur Lautenbach**  
**alautenbach@cardinalenvironmental.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Chromium (Hexavalent)
- Cyanide, Total
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

#### Electrometric Assay (ISE)

- Ammonia as N
- Kjeldahl Nitrogen, Total
- Nitrate

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Titrimetry or Potentiometric Titration

- Alkalinity
- Chloride
- Hardness, Total as CaCO3

#### Flame AA

- Cadmium
- Chromium (Total)
- Copper
- Iron
- Lead
- Manganese
- Nickel

# Wisconsin Department of Natural Resources

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- Potassium
- Zinc

Graphite Furnace AA

- Cadmium
- Lead

### **Matrix: Drinking Water**

Primary Inorganics (Non-Metals)

- Nitrate - SM 4500-NO3- D
- Nitrite - SM 4500-NO2- B

Primary Inorganics (Metals)

- Copper - SM 3111B
- Lead - SM 3113B

### **Matrix: Solid**

Colorimetry / Turbidimetry

- Cyanide, Total
- Phosphorus, Total

Electrometric Assay (ISE)

- Ammonia as N
- Kjeldahl Nitrogen, Total

Gravimetry - Residue

- Residue, Total

Titrimetry or Potentiometric Titration

- Chloride

Flame AA

- Potassium

#### **Clean Water Testing LLC**

ID: 445126660

1990 Prospect Court

Appleton WI 54914-

Phone: (920) 733-7590

Contact: Rhonda Chier-Verhagen  
rchier@water-right.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

Colorimetry / Turbidimetry

- Nitrate + Nitrite

Ion Chromatography (IC)

- Chloride
- Sulfate

Cold Vapor AA or Hydride AA

- Mercury

Graphite Furnace AA

- Antimony
- Arsenic
- Lead
- Selenium
- Thallium

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

### **Matrix: Drinking Water**

Primary Inorganics (Non-Metals)

- Fluoride - EPA 300.0
- Nitrate - SM 4500-NO3- F
- Nitrate + Nitrite - SM 4500-NO3- F
- Nitrite - SM 4500-NO2- B

Primary Inorganics (Metals)

- Antimony - SM 3113B
- Arsenic - SM 3113B
- Barium - EPA 200.7
- Beryllium - EPA 200.7
- Cadmium - EPA 200.7
- Chromium - EPA 200.7
- Copper - EPA 200.7
- Lead - SM 3113B
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Selenium - SM 3113B
- Thallium - EPA 200.9

Secondary Contaminants (Non-Metals)

- Sulfate - EPA 300.0

Secondary Contaminants (Metals)

- Sodium - EPA 200.7

### **Matrix: Solid**

Cold Vapor AA or Hydride AA

- Mercury

ICP Emission Spectrometry (ICP)

- Arsenic
- Barium
- Cadmium
- Chromium (Total)
- Lead
- Selenium
- Silver

#### **Commercial Testing Laboratory Inc.**

ID: 617013980

PO Box 526

Colfax WI 54730-

Phone: (715) 962-3121

Contact: Pamela Gane  
pamg@ctlcolfax.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

Colorimetry / Turbidimetry

- Alkalinity
- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfate

Electrometric Assay (ISE)

- Fluoride
- pH
- Specific Conductance

Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

Gravimetry - Oil&Grease

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### Oil&Grease, Hexane Ext. Material (HEM)

#### Titrimetry or Potentiometric Titration

- Ammonia as N
- Kjeldahl Nitrogen, Total

#### Cold Vapor AA or Hydride AA

- Mercury

#### Graphite Furnace AA

- Antimony
- Arsenic
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Selenium
- Silver
- Thallium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Silver
- Sodium
- Vanadium
- Zinc

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Cyanide - SM 4500-CN- C,E
- Fluoride - SM 4500F- C
- Nitrate - EPA 353.2
- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

- Antimony - EPA 200.9
- Arsenic - EPA 200.9
- Barium - EPA 200.7
- Beryllium - EPA 200.7

- Cadmium - EPA 200.9
- Chromium - EPA 200.7
- Copper - EPA 200.7
- Lead - EPA 200.9
- Mercury - EPA 245.2
- Nickel - EPA 200.7
- Selenium - EPA 200.9
- Thallium - EPA 200.9

#### Secondary Contaminants (Metals)

- Sodium - EPA 200.7

### Matrix: Solid

#### Gravimetry - Residue

- Residue, Total

#### Titrimetry or Potentiometric Titration

- Ammonia as N
- Kjeldahl Nitrogen, Total

#### Cold Vapor AA or Hydride AA

- Mercury

#### Graphite Furnace AA

- Arsenic
- Selenium

#### ICP Emission Spectrometry (ICP)

- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Lead
- Magnesium
- Molybdenum
- Nickel
- Phosphorus, Total
- Potassium
- Silver
- Sodium
- Zinc

### CT Laboratories

ID: 157066030

1230 Lange Ct.

Baraboo

WI 53913-

Phone: (608) 356-2760

Contact: C Christelle Newsome

cnewsome@ctlaboratories.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Alkalinity
- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chlorophyll
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Phenolics, Total
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Orthophosphate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Alkalinity
- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### Graphite Furnace AA

- Antimony
- Arsenic
- Lead
- Selenium
- Silver
- Thallium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium

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- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)
- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- HMX
- Nitrobenzene

- Nitroglycerin
- RDX
- Tetryl

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Antimony - EPA 200.9
- Arsenic - EPA 200.9
- Barium - EPA 200.7
- Beryllium - EPA 200.7
- Cadmium - EPA 200.7
- Chromium - EPA 200.7
- Copper - EPA 200.7
- Lead - EPA 200.9
- Mercury - EPA 245.2
- Nickel - EPA 200.7
- Selenium - EPA 200.9
- Thallium - EPA 200.9

#### Secondary Contaminants (Non-Metals)

- Sulfate - EPA 300.0

#### Secondary Contaminants (Metals)

- Sodium - EPA 200.7

#### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

#### Volatile Organic Compounds (VOC)

- ## VOCS, REGULATED (group) - EPA 524.2

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Phenolics, Total
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate

- Nitrite
- Orthophosphate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### Graphite Furnace AA

- Antimony
- Arsenic
- Lead
- Selenium
- Silver
- Thallium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)



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### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)
- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- HMX
- Nitrobenzene
- Nitroglycerin
- RDX
- Tetryl

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability of Solids
- Ignitability, Pensky-Martens Closed Cup

### **Davy Laboratories**

ID: 632021390

**115 South 6th Street**

**La Crosse WI 54601-**

**Phone: (608) 782-3130**

**Contact: Paul Harris**  
**pharris@davyinc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Chloride
- Chlorine, Total Residual (TRC)
- Chlorophyll
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Nitrite

- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Silica
- Sulfate
- Sulfide
- Surfactants
- Turbidity

#### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride
- Nitrate
- Oxygen, Dissolved
- pH

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Ammonia as N
- Chloride
- Cyanide, Available
- Hardness, Total as CaCO<sub>3</sub>
- Kjeldahl Nitrogen, Total
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- Sulfite

#### Cold Vapor AA or Hydride AA

- Mercury

#### Flame AA

- Cadmium
- Calcium
- Chromium (Hexavalent)
- Chromium (Total)
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Nickel

- Potassium
- Silver
- Sodium
- Zinc

#### Graphite Furnace AA

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Lithium
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Titanium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium



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- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- ## VOLATILE ORGANICS [VOC] (group)
- 1,2,4,5-Tetrachlorobenzene
- 2,3,4,6-Tetrachlorophenol
- 2,4,5-T
- 2,4,5-Trichlorophenol
- 2,4,6-Trichlorophenol
- 2,4-D
- 2,4-DB
- 2,4-Dichlorophenol
- 2,4-Dimethylphenol
- 2,6-Dichlorophenol
- 2-Chlorophenol
- 2-Cyclohexyl-4,6-dinitro-phenol
- 2-Methyl-4,6-dinitrophenol
- 2-Methylphenol (o-Cresol)
- 3-Methylphenol (m-Cresol)
- 4-Bromophenyl phenyl ether
- 4-Chloro-3-methylphenol (4-Chloro-m-cresol)
- 4-Chlorophenol
- 4-Methylphenol (p-Cresol)
- 4-Nitrophenol
- Acifluorfen
- Alachlor
- Ametryn
- Atraton
- Atrazine
- Azinphos ethyl
- Azinphos methyl (Guthion)
- Benfluralin
- Bentazon
- Bis(2-chloroethoxy)methane
- Bis(2-chloroethyl) ether
- Bis(2-chloroisopropyl) ether
- Bis(2-ethylhexyl)phthalate
- Bromacil
- Butachlor
- Butyl benzyl phthalate
- Carbophenothion
- Chlorpyrifos
- Cyanazine
- Dalapon
- Deethylatrazine
- Deisopropylatrazine

- Demeton-O
- Demeton-S
- Diaminoatrazine
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Dichlorvos (DDVP)
- Diesel Range Organics (DRO)
- Diethyl phthalate
- Dimethoate
- Dimethyl phthalate
- Di-n-butyl phthalate
- Di-n-octyl phthalate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Dioxathion
- Disulfoton
- Ethalfuralin
- Ethion
- Ethoprop
- Famphur
- Fenthion
- Fonofos
- Gasoline Range Organics (GRO)
- Hexachlorobenzene
- Hexachlorobutadiene
- Hexachlorocyclopentadiene
- Hexachloroethane
- Malathion
- MCPA
- MCPP (Mecoprop)
- Metribuzin
- N-Nitrosodiethylamine
- N-Nitrosodimethylamine
- N-Nitrosodi-n-butylamine
- N-Nitrosodi-n-propylamine
- N-Nitrosodiphenylamine
- N-Nitrosomethylethylamine
- N-Nitrosomorpholine
- N-Nitrosopiperidine
- N-Nitrosopyrrolidine
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Pentachlorobenzene
- Pentachlorophenol
- Petroleum VOC (PVOC)
- Phenol
- Phorate
- Phosmet (Imidan)

- Picloram
- Prometon
- Prometryn
- Pronamide
- Propachlor
- Propazine
- Silvex (2,4,5-TP)
- Simazine
- Terbufos
- Terbutryn
- Trifluralin

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Acephate
- Alachlor
- Ametryn
- Aspon
- Atraton
- Atrazine
- Azinphos ethyl
- Azinphos methyl (Guthion)
- Benfluralin
- Bolstar
- Bromacil
- Bromoxynil octanoate
- Butachlor
- Carbophenothion
- Chlorfenvinphos
- Chlorothalonil
- Chlorpyrifos
- Chlorpyrifos Methyl
- Coumaphos
- Crotoxyphos
- Cyanazine
- Deethylatrazine
- DEF (Butifos)
- Deisopropylatrazine
- Demeton-O
- Demeton-S
- Diaminoatrazine
- Diazinon
- Dichlofenthion
- Dichlorvos (DDVP)
- Dicrotophos
- Dimethoate
- Dioxathion
- Disulfoton

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- EPN
- Ethalfluralin
- Ethion
- Ethoprop
- Famphur
- Fenarimol
- Fenitrothion
- Fensulfothion
- Fenthion
- Fonofos
- Hexamethylphosphoramide
- Isopropalin
- Leptophos
- Malathion
- Merphos
- Methamidophos
- Metribuzin
- Mevinphos
- Monocrotophos
- Naled
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Petroleum VOC (PVOC)
- Phorate
- Phosalone
- Phosmet (Imidan)
- Phosphamidon
- Prometon
- Prometryn
- Pronamide
- Propachlor
- Propanil
- Propazine
- Ronnel
- Simazine
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Terbufos
- Terbutryn
- Tetrachlorvinphos (Stirofos)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Triadimefon
- Trichloronate
- Trichlorphon
- Trifluralin

- Tri-o-cresylphosphate (TOCP)

### Matrix: Drinking Water

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Chlorite - EPA 300.1

#### Primary Inorganics (Non-Metals)

- Cyanide - SM 4500-CN- C,E
- Cyanide, Amenable - SM 4500-CN- C,G
- Fluoride - SM 4500F- C
- Nitrate - EPA 300.0
- Nitrate - SM 4500-NO3- D
- Nitrate + Nitrite - EPA 300.0
- Nitrate + Nitrite - SM 4500-NO3- F
- Nitrite - EPA 300.0
- Nitrite - SM 4500-NO2- B

#### Primary Inorganics (Metals)

- Antimony - SM 3113B
- Arsenic - SM 3113B
- Barium - EPA 200.7
- Beryllium - EPA 200.7
- Beryllium - SM 3113B
- Cadmium - EPA 200.7
- Cadmium - SM 3113B
- Chromium - EPA 200.7
- Chromium - SM 3113B
- Copper - EPA 200.7
- Copper - SM 3111B
- Copper - SM 3113B
- Lead - SM 3113B
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - SM 3113B
- Selenium - SM 3113B
- Thallium - EPA 200.9

#### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - EPA 300.0
- Chloride - SM 4500-Cl- D
- Chlorine, Free - SM 4500-Cl G
- Chlorine, Total - SM 4500-Cl G
- Orthophosphate - ASTM D515 (A)
- Orthophosphate - EPA 365.1
- pH - SM 4500-H+ B
- Sulfate - EPA 300.0
- Turbidity - SM 2130B

#### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Aluminum - SM 3113B

- Calcium - EPA 200.7
- Calcium - SM 3111B
- Iron - EPA 200.7
- Iron - SM 3111B
- Manganese - EPA 200.7
- Manganese - SM 3111B
- Silver - EPA 200.7
- Sodium - SM 3111B
- Zinc - EPA 200.7
- Zinc - SM 3111B

#### SOC - Organochlorine Pesticides

- Chlordane - EPA 505
- Endrin - EPA 505
- Endrin - EPA 525.2
- Heptachlor - EPA 505
- Heptachlor - EPA 525.2
- Heptachlor epoxide - EPA 505
- Heptachlor epoxide - EPA 525.2
- Lindane (gamma-BHC) - EPA 505
- Lindane (gamma-BHC) - EPA 525.2
- Methoxychlor - EPA 505
- Methoxychlor - EPA 525.2
- Toxaphene - EPA 505

#### SOC - N/P Pesticides

- Alachlor - EPA 505
- Alachlor - EPA 525.2
- Atrazine - EPA 505
- Atrazine - EPA 525.2
- Simazine - EPA 505
- Simazine - EPA 525.2

#### SOC - Herbicides

- 2,4-D - EPA 515.3
- Dalapon - EPA 515.3
- Dinoseb - EPA 515.3
- Pentachlorophenol - EPA 515.3
- Pentachlorophenol - EPA 525.2
- Picloram - EPA 515.3
- Silvex (2,4,5-TP) - EPA 515.3

#### SOC - Miscellaneous

- Benzo[a]pyrene - EPA 525.2
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Hexachlorobenzene - EPA 505
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 505
- Hexachlorocyclopentadiene - EPA 525.2

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### PCBs (as Aroclors) Screening - EPA 508

#### Trihalomethanes (THM)

- ## THM (group) - EPA 502.2
- ## THM (group) - EPA 524.2
- ## THM (group) - EPA 551.1

#### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 502.2
- ## VOCs, REGULATED (group) - EPA 524.2

### **Matrix: Solid**

#### Colorimetry / Turbidimetry

- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate
- Sulfide

#### Electrometric Assay (ISE)

- Fluoride

#### Gravimetry - Residue

- Residue, Total

#### Titrimetry or Potentiometric Titration

- Chloride
- Kjeldahl Nitrogen, Total
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

#### Cold Vapor AA or Hydride AA

- Mercury

#### Flame AA

- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Silver
- Sodium
- Zinc

#### Graphite Furnace AA

- Arsenic

### Molybdenum

### Selenium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- ## VOLATILE ORGANICS [VOC] (group)
- 1,2,4,5-Tetrachlorobenzene
- 1,4-Dinitrobenzene
- 1,4-Naphthoquinone
- 2,3,4,6-Tetrachlorophenol
- 2,4,5-T
- 2,4,5-Trichlorophenol
- 2,4,6-Trichlorophenol
- 2,4-D
- 2,4-DB
- 2,4-Dichlorophenol
- 2,4-Dimethylphenol
- 2,6-Dichlorophenol
- 2-Chlorophenol
- 2-Cyclohexyl-4,6-dinitro-phenol

### 2-Methyl-4,6-dinitrophenol

### 2-Methylphenol (o-Cresol)

### 3,5-Dichlorobenzoic acid

### 3-Methylphenol (m-Cresol)

### 4-Bromophenyl phenyl ether

### 4-Chloro-3-methylphenol (4-Chloro-m-cresol)

### 4-Chlorophenol

### 4-Methylphenol (p-Cresol)

### 4-Nitrophenol

### 5-Hydroxydicamba

### Acephate

### Acifluorfen

### Alachlor

### Ametryn

### Aspon

### Atraton

### Atrazine

### Azinphos ethyl

### Azinphos methyl (Guthion)

### Benfluralin

### Bentazon

### Benzyl chloride

### Bis(2-chloroethoxy)methane

### Bis(2-chloroethyl) ether

### Bis(2-chloroisopropyl) ether

### Bis(2-ethylhexyl)phthalate

### Bolstar

### Bromacil

### Bromoxynil octanoate

### Butachlor

### Butyl benzyl phthalate

### Carbophenothion

### Chlorfenvinphos

### Chlorothalonil

### Chlorpyrifos

### Chlorpyrifos Methyl

### Chlorthal (Dacthal di-acid, DCPA di-acid)

### Coumaphos

### Crotoxypfos

### Cyanazine

### Dalapon

### Deethylatrazine

### DEF (Butifos)

### Deisopropylatrazine

### Demeton-O

### Demeton-S

### Diaminoatrazine

### Diazinon

### Dicamba

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- |                                           |                                                          |                               |
|-------------------------------------------|----------------------------------------------------------|-------------------------------|
| ▪ Dichlofenthion                          | ▪ Norflurazon                                            | ▪ Bolstar                     |
| ▪ Dichlorprop (2,4-DP)                    | ▪ Parathion (Parathion Ethyl)                            | ▪ Bromacil                    |
| ▪ Dichlorvos (DDVP)                       | ▪ Parathion Methyl                                       | ▪ Bromoxynil octanoate        |
| ▪ Dicrotophos                             | ▪ Pendimethalin                                          | ▪ Butachlor                   |
| ▪ Diesel Range Organics (DRO)             | ▪ Pentachlorobenzene                                     | ▪ Carbophenothion             |
| ▪ Diethyl phthalate                       | ▪ Pentachloronitrobenzene (PCNB)                         | ▪ Chlorfenvinphos             |
| ▪ Dimethoate                              | ▪ Pentachlorophenol                                      | ▪ Chlorothalonil              |
| ▪ Dimethyl phthalate                      | ▪ Petroleum VOC (PVOC)                                   | ▪ Chlorpyrifos                |
| ▪ Di-n-butyl phthalate                    | ▪ Phenol                                                 | ▪ Chlorpyrifos Methyl         |
| ▪ Di-n-octyl phthalate                    | ▪ Phorate                                                | ▪ Coumaphos                   |
| ▪ Dinoseb (2-sec-butyl-4,6-Dinitrophenol) | ▪ Phosalone                                              | ▪ Crotoxyphos                 |
| ▪ Dioxathion                              | ▪ Phosmet (Imidan)                                       | ▪ Cyanazine                   |
| ▪ Disulfoton                              | ▪ Phosphamidon                                           | ▪ Deethylatrazine             |
| ▪ EPN                                     | ▪ Picloram                                               | ▪ DEF (Butifos)               |
| ▪ Ethalfuralin                            | ▪ Prometon                                               | ▪ Deisopropylatrazine         |
| ▪ Ethion                                  | ▪ Prometryn                                              | ▪ Demeton-O                   |
| ▪ Ethoprop                                | ▪ Pronamide                                              | ▪ Demeton-S                   |
| ▪ Famphur                                 | ▪ Propachlor                                             | ▪ Diaminoatrazine             |
| ▪ Fenarimol                               | ▪ Propanil                                               | ▪ Diazinon                    |
| ▪ Fenitrothion                            | ▪ Propazine                                              | ▪ Dichlofenthion              |
| ▪ Fensulfothion                           | ▪ Ronnel                                                 | ▪ Dichlorvos (DDVP)           |
| ▪ Fenthion                                | ▪ Silvex (2,4,5-TP)                                      | ▪ Dicrotophos                 |
| ▪ Fonofos                                 | ▪ Simazine                                               | ▪ Dimethoate                  |
| ▪ Gasoline Range Organics (GRO)           | ▪ Sulfotepp (Tetraethyl dithiopyrophosphate)             | ▪ Dioxathion                  |
| ▪ Hexachlorobenzene                       | ▪ TEPP (Tetraethyl pyrophosphate)                        | ▪ Disulfoton                  |
| ▪ Hexachlorobutadiene                     | ▪ Terbufos                                               | ▪ EPN                         |
| ▪ Hexachlorocyclopentadiene               | ▪ Terbutryn                                              | ▪ Ethalfuralin                |
| ▪ Hexachloroethane                        | ▪ Tetrachlorvinphos (Stirofos)                           | ▪ Ethion                      |
| ▪ Hexamethylphosphoramide                 | ▪ Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate) | ▪ Ethoprop                    |
| ▪ Isopropalin                             | ▪ Tokuthion (Prothiofos)                                 | ▪ Famphur                     |
| ▪ Leptophos                               | ▪ Triadimefon                                            | ▪ Fenarimol                   |
| ▪ Malathion                               | ▪ Trichloronate                                          | ▪ Fenitrothion                |
| ▪ MCPA                                    | ▪ Trichlorphon                                           | ▪ Fensulfothion               |
| ▪ MCPP (Mecoprop)                         | ▪ Trifluralin                                            | ▪ Fenthion                    |
| ▪ Merphos                                 | ▪ Tri-o-cresylphosphate (TOCP)                           | ▪ Fonofos                     |
| ▪ Methamidophos                           | <a href="#">GC-Mass Spectrometry (GC/MS)</a>             | ▪ Hexamethylphosphoramide     |
| ▪ Metribuzin                              | ▪ ## PAH (group)                                         | ▪ Isopropalin                 |
| ▪ Mevinphos                               | ▪ ## SEMIVOLATILES [BNA] (group)                         | ▪ Leptophos                   |
| ▪ Monocrotophos                           | ▪ ## VOLATILE ORGANICS [VOC] (group)                     | ▪ Malathion                   |
| ▪ Naled                                   | ▪ Acephate                                               | ▪ Merphos                     |
| ▪ N-Nitrosodiethylamine                   | ▪ Alachlor                                               | ▪ Methamidophos               |
| ▪ N-Nitrosodimethylamine                  | ▪ Ametryn                                                | ▪ Metribuzin                  |
| ▪ N-Nitrosodi-n-butylamine                | ▪ Aspon                                                  | ▪ Mevinphos                   |
| ▪ N-Nitrosodi-n-propylamine               | ▪ Atraton                                                | ▪ Monocrotophos               |
| ▪ N-Nitrosodiphenylamine                  | ▪ Atrazine                                               | ▪ Naled                       |
| ▪ N-Nitrosomethylethylamine               | ▪ Azinphos ethyl                                         | ▪ Norflurazon                 |
| ▪ N-Nitrosomorpholine                     | ▪ Azinphos methyl (Guthion)                              | ▪ Parathion (Parathion Ethyl) |
| ▪ N-Nitrosopiperidine                     | ▪ Benfluralin                                            | ▪ Parathion Methyl            |
| ▪ N-Nitrosopyrrolidine                    |                                                          | ▪ Pendimethalin               |

# Wisconsin Department of Natural Resources

## List of Certified Commercial Laboratories

*This list is generally printed twice annually. To obtain a more recent list, please call (608) 267-7633 or send e-mail to DNRLabCert@Wisconsin.gov. Certification or registration by the State of Wisconsin under Ch. NR 149, Wis. Adm. Code is not an endorsement or guarantee of the validity of the data generated by a laboratory.*

- Petroleum VOC (PVOC)
- Phorate
- Phosalone
- Phosmet (Imidan)
- Phosphamidon
- Prometon
- Prometryn
- Pronamide
- Propachlor
- Propanil
- Propazine
- Ronnel
- Simazine
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Terbufos
- Terbutryn
- Tetrachlorvinphos (Stirofos)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Triadimefon
- Trichloronate
- Trichlorphon
- Trifluralin
- Tri-o-cresylphosphate (TOCP)

### Waste Characterization Extractions

- EPTOX Extraction
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability of Solids
- Ignitability, Pensky-Martens Closed Cup
- Waste Analysis, Other

### **Env. Chemistry Consulting Services (EC**

ID: 113289110

**2525 Advance Rd.**

**Madison WI 53718-6774**

**Phone: (608) 221-8700**

**Contact: Michael Linskens**  
**mjl@eccsmobilelab.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Ammonia as N
- Nitrate
- Nitrate + Nitrite

#### Electrometric Assay (ISE)

- Ammonia as N
- pH

#### Gravimetry - Residue

- Residue, Nonfilterable (TSS)

#### Graphite Furnace AA

- Arsenic

#### ICP-Mass Spectrometry (ICP/MS)

- Arsenic

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Acetochlor
- Alachlor
- Ametryn
- Atrazine
- Azinphos ethyl
- Benfluralin
- Bromacil
- Butylate
- Chlorothalonil
- Chlorpyrifos
- Chlorpyrifos Methyl
- Cyanazine
- Deethylatrazine
- Deisopropylatrazine
- Diazinon
- Dichlorvos (DDVP)
- Dimethenamid
- Dimethoate
- Disulfoton
- EPN
- EPTC (Eptam)
- Ethalfuralin
- Ethion
- Ethoprop
- Fonofos
- Hexazinone
- Malathion
- Metolachlor
- Metribuzin
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Phorate
- Phosmet (Imidan)
- Prometon
- Prometryn

- Propachlor

- Propazine
- Simazine
- Terbufos
- Terbutryn
- Triallate
- Trifluralin

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## VOLATILE ORGANICS [VOC] (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- 4-Nitrophenol
- Acetochlor
- Acifluorfen
- Alachlor
- Ametryn
- Atrazine
- Benfluralin
- Bentazon
- Bromacil
- Bromoxynil (Brominal)
- Butylate
- Chlorothalonil
- Chlorpyrifos
- Clopyralid
- Cyanazine
- Dalapon
- Deethylatrazine
- Deisopropylatrazine
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Dichlorvos (DDVP)
- Diclofop
- Dimethenamid
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPTC (Eptam)
- Ethalfuralin
- Ethion
- Ethoprop
- Fonofos
- Hexazinone
- Malathion
- MCPA
- MCPP (Mecoprop)

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- Metolachlor
- Metribuzin
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Pentachlorophenol
- Phorate
- Phosmet (Imidan)
- Picloram
- Prometon
- Prometryn
- Propachlor
- Propazine
- Silvex (2,4,5-TP)
- Simazine
- Terbufos
- Terbutryn
- Triallate
- Triclopyr
- Trifluralin

### Liquid Chromatography (HPLC)

- 2,4-D
- 3-Hydroxycarbofuran
- Aldicarb
- Aldicarb Sulfone
- Baygon (Propoxur)
- Carbaryl
- Carbofuran
- Diuron
- Fenuron
- Fluometuron
- Linuron
- Methiocarb
- Monuron
- Oxyamyl (Vydate)
- Siduron
- Silvex (2,4,5-TP)
- Tebuthiuron

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Nitrate
- Nitrate + Nitrite

#### Electrometric Assay (ISE)

- Ammonia as N
- pH

#### Graphite Furnace AA

- Arsenic

### ICP-Mass Spectrometry (ICP/MS)

- Arsenic

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Acetochlor
- Alachlor
- Ametryn
- Atrazine
- Azinphos ethyl
- Benfluralin
- Bromacil
- Butylate
- Chlorothalonil
- Chlorpyrifos
- Chlorpyrifos Methyl
- Cyanazine
- Deethylatrazine
- Deisopropylatrazine
- Diazinon
- Dichlorvos (DDVP)
- Dimethenamid
- Dimethoate
- Disulfoton
- EPN
- EPTC (Eptam)
- Ethalfuralin
- Ethion
- Ethoprop
- Fonofos
- Hexazinone
- Malathion
- Metolachlor
- Metribuzin
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Phorate
- Phosmet (Imidan)
- Prometon
- Prometryn
- Propachlor
- Propazine
- Simazine
- Terbufos
- Terbutryn
- Triallate
- Trifluralin

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## VOLATILE ORGANICS [VOC] (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- 4-Nitrophenol
- Acetochlor
- Acifluorfen
- Alachlor
- Ametryn
- Atrazine
- Benfluralin
- Bentazon
- Bromacil
- Bromoxynil (Brominal)
- Butylate
- Chlorothalonil
- Chlorpyrifos
- Clopyralid
- Cyanazine
- Dalapon
- Deethylatrazine
- Deisopropylatrazine
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Dichlorvos (DDVP)
- Diclofop
- Dimethenamid
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPTC (Eptam)
- Ethalfuralin
- Ethion
- Ethoprop
- Fonofos
- Hexazinone
- Malathion
- MCPA
- MCPP (Mecoprop)
- Metolachlor
- Metribuzin
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Pentachlorophenol



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- Phorate
- Phosmet (Imidan)
- Picloram
- Prometon
- Prometryn
- Propachlor
- Propazine
- Silvex (2,4,5-TP)
- Simazine
- Terbufos
- Terbutryn
- Triallate
- Triclopyr
- Trifluralin

### Liquid Chromatography (HPLC)

- 2,4,5-T
- 2,4-D
- 2,4-DB
- 3-Hydroxycarbofuran
- 4-Nitrophenol
- Acifluorfen
- Aldicarb
- Aldicarb Sulfone
- Bentazon
- Bromoxynil (Brominal)
- Bromoxynil (Brominal)
- Carbaryl
- Carbofuran
- Clopyralid
- Dicamba
- Dichlorprop (2,4-DP)
- Diclofop
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Diuron
- Fenuron
- Fluometuron
- Linuron
- MCPA
- MCPB
- MCPP (Mecoprop)
- Methiocarb
- Monuron
- Oxyamyl (Vydate)
- Pentachlorophenol
- Picloram
- Siduron
- Silvex (2,4,5-TP)
- Tebuthiuron
- Triclopyr

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Paint Filters Liquids Test

### **ENVIRON**

ID: 399050850

**201 Summit View Dr SUITE 300**  
**Brentwood TN 37027-**  
**Phone: (615) 377-4775**

**Contact: Teri Horsley**  
**thorsley@environcorp.com**  
**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Whole Effluent Toxicity Assays

- Acute Tox - Ceriodaphnia dubia
- Acute Tox - Pimephales promelas
- Chronic Tox - Ceriodaphnia dubia
- Chronic Tox - Pimephales promelas

### **Environmental Consulting and Testing**

ID: 816079220

**1423 N. 8th St., Suite 118**  
**Superior WI 54880-**  
**Phone: (715) 392-6635**

**Contact: Patrick Poirier**  
**ppoirier@ectesting.com**  
**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Whole Effluent Toxicity Assays

- Acute Tox - Ceriodaphnia dubia
- Acute Tox - Pimephales promelas
- Chronic Tox - Ceriodaphnia dubia
- Chronic Tox - Pimephales promelas
- Chronic Tox - Selenastrum capricornutum

### **Environmental Monitoring & Technologie**

ID: 999888890

**8100 N. Austin Ave.**  
**Morton Grove IL 60053-**  
**Phone: (800) 246-0663**

**Contact: Kassandra Bray**  
**kbray@emt.com**  
**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Chlorophyll
- Chromium (Hexavalent)
- Chromium (Total)
- Cyanide, Available
- Cyanide, Total
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfide
- Surfactants

### Combustion or Oxidation

- Organic Carbon, Total (TOC)

### Electrometric Assay (ISE)

- Fluoride
- Organic Halides, Extractable (EOX)
- Organic Halides, Purgeable (POX)
- pH
- Sulfide

### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Ammonia as N
- Cyanide, Available
- Kjeldahl Nitrogen, Total
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- Sulfite

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum



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- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Thallium
- Tin
- Titanium
- Vanadium

- Zinc
- Gas Chromatography (GC)
- ## PCB as AROCLORS (group)
  - ## PESTICIDES, ORGANOCHLORINE (group)
  - Diesel Range Organics (DRO)
  - Ethanol
  - Ethylene Glycol
  - Gasoline Range Organics (GRO)
  - Methanol
  - Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### Liquid Chromatography (HPLC)

- ## PAH (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Dicamba
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- MCPA
- MCPP (Mecoprop)
- Pentachlorophenol
- Silvex (2,4,5-TP)

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Chromium (Total)
- Cyanide, Available
- Cyanide, Total
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfide

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Fluoride
- Organic Halides, Extractable (EOX)
- Organic Halides, Purgeable (POX)
- pH
- Sulfide

#### Gravimetry - Residue

- Residue, Total

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

### Titrimetry or Potentiometric Titration

- Ammonia as N
- Cyanide, Available
- Kjeldahl Nitrogen, Total
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron

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- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Ethanol
- Ethylene Glycol
- Gasoline Range Organics (GRO)
- Methanol
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Waste Characterization Extractions

- TCLP Extraction

### Waste Characterization Assays

- Ignitability of Solids
- Ignitability, Oxidizers
- Ignitability, Pensky-Martens Closed Cup
- Ignitability, Setaflash Closed Cup
- Ignitability, Small Scale Closed Cup
- Waste Analysis, Other

### **Environmental Science Corporation**

ID: 998093910

**12065 Lebanon Road**

**Mt. Juliet TN 37122-**

**Phone: (615) 758-5858**

**Contact: Shari Pfalmer**  
**spfalmer@esclabsciences.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Surfactants

#### Combustion or Oxidation

- Adsorbable Organic Halides (AOX)
- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Chromium (Hexavalent)
- Fluoride
- Nitrate
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO3
- Alkalinity
- Hardness, Total as CaCO3

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO3
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T

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- 2,4-D
- 2,4-DB
- Azinphos ethyl
- Azinphos methyl (Guthion)
- Bolstar
- Chlorpyrifos
- Coumaphos
- Dalapon
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Diesel Range Organics (DRO)
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPN
- Fensulfothion
- Fenthion
- Gasoline Range Organics (GRO)
- Malathion
- MCPA
- MCPP (Mecoprop)
- Merphos
- Mevinphos
- Naled
- Parathion Methyl
- Petroleum VOC (PVOC)
- Phorate
- Ronnel
- Silvex (2,4,5-TP)
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Tokuthion (Prothiofos)
- Trichloronate

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Whole Effluent Toxicity Assays

- Acute Tox - Ceriodaphnia dubia
- Acute Tox - Pimephales promelas
- Chronic Tox - Ceriodaphnia dubia
- Chronic Tox - Pimephales promelas

**Matrix: Solid**

### Colorimetry / Turbidimetry

- Ammonia as N

- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Adsorbable Organic Halides (AOX)
- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

### Combustion or Oxidation

### Gravimetry - Residue

- Residue, Total
- Bromide
- Chloride
- Chromium (Hexavalent)
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin

- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Azinphos methyl (Guthion)
- Bolstar
- Chlorpyrifos
- Chlorpyrifos Methyl
- Coumaphos
- Dalapon
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Diesel Range Organics (DRO)
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPN
- Fensulfothion
- Fenthion
- Gasoline Range Organics (GRO)
- Malathion
- MCPA
- MCPP (Mecoprop)
- Merphos
- Methamidophos
- Mevinphos
- Naled

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- Parathion Methyl
- Petroleum VOC (PVOC)
- Phorate
- Ronnel
- Silvex (2,4,5-TP)
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Tokuthion (Prothiofos)
- Trichloronate

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Corrosivity Toward Steel
- Corrosivity, Liquids
- Ignitability of Solids
- Ignitability, Oxidizers
- Ignitability, Pinsky-Martens Closed Cup
- Ignitability, Setaflash Closed Cup
- Ignitability, Small Scale Closed Cup

### **Era Laboratories, Inc.**

ID: 999446800

**4730 Oneota Street**

**Duluth MN 55807-**

**Phone: (218) 727-6380**

**Contact: Laura Lubahn**

**Laura\_M@eralabs.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Chlorine, Total Residual (TRC)
- Chlorophyll
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total

- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfide
- Surfactants
- Turbidity

### Combustion or Oxidation

- Organic Carbon, Total (TOC)

### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride
- pH
- Specific Conductance

### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Orthophosphate
- Sulfate

### Titrimetry or Potentiometric Titration

- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>

- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Whole Effluent Toxicity Assays

- Acute Tox - Ceriodaphnia dubia
- Acute Tox - Pimephales promelas
- Chronic Tox - Ceriodaphnia dubia
- Chronic Tox - Pimephales promelas

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrite
- Phosphorus, Total

### Gravimetry - Residue

- Residue, Total

### Cold Vapor AA or Hydride AA

- Mercury

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### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

### Waste Characterization Extractions

- TCLP Extraction

#### **Eurofins Eaton Analytical Inc (EEAI)**

ID: 998316660

750 Royal Oaks Dr, Suite 100

Monrovia CA 91016-3629

Phone: (626) 386-1100

Contact: Nilda Cox

NildaCox@eurofinsus.com

TYPE: Commercial Environmental Lab

### Matrix: Drinking Water

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.3
- ## HALOACETIC ACIDS (5) - SM 6251B
- Bromate - EPA 300.1
- Bromate - EPA 317.0 Rev. 2.0
- Bromide - EPA 300.0
- Bromide - EPA 300.1
- Chlorate - EPA 300.1
- Chlorine Dioxide - SM 4500-ClO<sub>2</sub> D
- Chlorite - EPA 300.0
- Chlorite - EPA 300.1

- Chlorite - EPA 317.0 Rev. 2.0

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Cyanide - SM 4500-CN- C,F
- Cyanide, Amenable - SM 4500-CN- C,G
- Fluoride - EPA 300.0
- Fluoride - SM 4500F- C
- Nitrate - EPA 300.0
- Nitrate - EPA 353.2
- Nitrate + Nitrite - EPA 300.0
- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 300.0
- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.7
- Cadmium - EPA 200.8
- Chromium - EPA 200.7
- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Thallium - EPA 200.8

#### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - EPA 300.0
- Orthophosphate - EPA 365.1
- Orthophosphate - SM 4500-P E
- Sulfate - EPA 300.0

#### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Aluminum - EPA 200.8
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Magnesium - EPA 200.7
- Manganese - EPA 200.7
- Manganese - EPA 200.8
- Silica - EPA 200.7
- Silica - SM 4500-SiO<sub>2</sub> C
- Silver - EPA 200.7

- Silver - EPA 200.8

- Sodium - EPA 200.7

- Zinc - EPA 200.7

- Zinc - EPA 200.8

#### SOC - Dioxin

- 2,3,7,8-TCDD (Dioxin) - EPA 1613

#### SOC - Organochlorine Pesticides

- Aldrin - EPA 505
- Aldrin - EPA 525.2
- Chlordane - EPA 505
- Chlordane - EPA 525.2
- Dieldrin - EPA 505
- Dieldrin - EPA 525.2
- Endrin - EPA 505
- Endrin - EPA 525.2
- Heptachlor - EPA 505
- Heptachlor - EPA 525.2
- Heptachlor epoxide - EPA 505
- Heptachlor epoxide - EPA 525.2
- Lindane (gamma-BHC) - EPA 505
- Lindane (gamma-BHC) - EPA 525.2
- Methoxychlor - EPA 505
- Methoxychlor - EPA 525.2
- Toxaphene - EPA 505

#### SOC - N/P Pesticides

- Alachlor - EPA 505
- Alachlor - EPA 525.2
- Atrazine - EPA 525.2
- Butachlor - EPA 525.2
- Metolachlor - EPA 525.2
- Metribuzin - EPA 525.2
- Propachlor - EPA 525.2
- Simazine - EPA 525.2

#### SOC - Herbicides

- 2,4-D - EPA 515.4
- Dalapon - EPA 515.4
- Dalapon - EPA 552.3
- Dicamba - EPA 515.4
- Dinoseb - EPA 515.4
- Pentachlorophenol - EPA 515.4
- Pentachlorophenol - EPA 525.2
- Picloram - EPA 515.4
- Silvex (2,4,5-TP) - EPA 515.4

#### SOC - Miscellaneous

- 3-Hydroxycarbofuran - EPA 531.2
- Aldicarb - EPA 531.2
- Aldicarb Sulfone - EPA 531.2
- Aldicarb Sulfoxide - EPA 531.2
- Benzo[a]pyrene - EPA 525.2

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- Carbaryl - EPA 531.2
- Carbofuran - EPA 531.2
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Dibromochloropropane (DBCP) - EPA 551.1
- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Ethylene Dibromide (EDB) - EPA 551.1
- Glyphosate - EPA 547
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 525.2
- Methomyl - EPA 531.2
- Oxamyl (Vydate) - EPA 531.2
- PCBs (as Aroclors) Screening - EPA 505

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2
- ## THM (group) - EPA 551.1

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### **Eurofins Frontier Global Sciences, Inc.**

ID: 998348230

11720 North Creek Parkway

Bothell WA 98011-

Phone: (425) 686-1996

Contact: Dave Wunderlich  
DavidWunderlich@eurofinsUS.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Ultra-Low Level Metals Assays

- Mercury

#### Cold Vapor Atomic Fluorescence Spectrometry

- Mercury

### **Matrix: Solid**

#### Ultra-Low Level Metals Assays

- Mercury

#### Cold Vapor Atomic Fluorescence Spectrometry

- Mercury

### **Eurofins Lancaster Environmental**

ID: 998035060

2425 New Holland Pike

Lancaster

PA 17601-5994

Phone: (717) 656-2300

Contact: Dorothy Love  
dlove@lancasterlabs.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Cyanide, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide
- Sulfite

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron

- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

#### Ultra-Low Level Metals Assays

- Mercury

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Pentachlorophenol
- Petroleum VOC (PVOC)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
  - ## SEMIVOLATILES [BNA] (group)
  - ## VOLATILE ORGANICS [VOC] (group)
- #### High Resolution GC/MS
- ## DIOXINS & FURANS (group)

### **Matrix: Solid**

#### Colorimetry / Turbidimetry

- Cyanide, Total

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum



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- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup

### **Express Analytics LLC**

ID: 268633970

**600 W North Shore Drive  
Hartland WI 53029-  
Phone: (262) 361-4931**

**Contact: Karri Warnock  
kwarnock@expressanalyticsllc.com  
TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chromium (Hexavalent)
- Hardness, Total as CaCO<sub>3</sub>
- Phosphorus, Total
- Silica

#### Electrometric Assay (ISE)

- pH

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Settleable
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Orthophosphate
- Sulfate

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium

- Chromium (Total)
- Cobalt
- Copper
- Gold
- Iridium
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Palladium
- Platinum
- Rhodium
- Ruthenium
- Selenium
- Silver
- Strontium
- Thallium
- Titanium
- Tungsten
- Vanadium
- Zinc
- Zirconium

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- Gasoline Range Organics (GRO)
- Naphthalene
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Solid

#### Electrometric Assay (ISE)

- pH

#### Gravimetry - Residue

- Residue, Total

#### Gas Chromatography (GC)

- Gasoline Range Organics (GRO)
- Naphthalene
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## VOLATILE ORGANICS [VOC] (group)

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction



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### Frontier Analytical Laboratory

ID: 399023900

5172 Hillsdale Circle

El Dorado Hills CA 95762-

Phone: (916) 934-0900

Contact: Dan Vickers  
danv@frontieranalytical.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

High Resolution GC/MS

- ## DIOXINS & FURANS (group)

### Matrix: Solid

High Resolution GC/MS

- ## DIOXINS & FURANS (group)

### GEL Laboratories, LLC

ID: 999887790

PO Box 30712

Charleston SC 29407-

Phone: (843) 556-8171

Contact: Robert Pullano  
rlp@gel.com

TYPE: Commercial Environmental Lab

### Matrix: Solid

Colorimetry / Turbidimetry

- Chromium (Hexavalent)

Cold Vapor AA or Hydride AA

- Mercury

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium

- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

Waste Characterization Extractions

- TCLP Extraction

### L V Laboratories

ID: 122046870

P.O. Box 343

Lancaster WI 53813-

Phone: (608) 723-4096

Contact: Lester Vondra  
lesv@chorus.net

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

Demand assays

- Biochemical Oxygen Demand (BOD)

Colorimetry / Turbidimetry

- Phosphorus, Total

Electrometric Assay (ISE)

- Ammonia as N

Gravimetry - Residue

- Residue, Nonfilterable (TSS)

Titrimetry or Potentiometric Titration

- Chloride

### Lab-Tech Services

ID: 734044960

N6411 Vacha Lane

Deerbrook WI 54424-

Phone: (715) 623-6281

Contact: Dave Solin  
solins02@wildblue.net

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

Demand assays

- Biochemical Oxygen Demand (BOD)

Electrometric Assay (ISE)

- Ammonia as N

Gravimetry - Residue

- Residue, Nonfilterable (TSS)

Titrimetry or Potentiometric Titration

- Chloride

### Legend Technical Services, Inc.

ID: 998022410

88 Empire Drive

St. Paul MN 55103-

Phone: (651) 642-1150

Contact: Kimberly Grandprey  
kgrandprey@legend-group.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

Gas Chromatography (GC)

- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Naphthalene
- Petroleum VOC (PVOC)

### Matrix: Solid

Gas Chromatography (GC)

- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Naphthalene
- Petroleum VOC (PVOC)

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### Luxerin Laboratory, LLC

ID: 420028730

P.O. Box 694

Fond du Lac WI 54937-

Phone: (920) 921-1061

Contact: Patrick Sheridan  
luxerin@hotmail.com

TYPE: Commercial Environmental Lab

### Matrix: Drinking Water

Primary Inorganics (Non-Metals)

- Nitrate - SM 4500-NO3- D

### Microbac Laboratories Inc. - Chicagoland

ID: 998036710

250 West 84th Dr

Merrillville IN 46410-

Phone: (219) 769-8378

Contact: Donna Ruokonen  
druokonen@microbac.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Cyanide, Total
- Phenolics, Total

Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

Cold Vapor AA or Hydride AA

- Mercury

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Selenium
- Silver
- Thallium
- Zinc

ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Cadmium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Nickel
- Selenium
- Silver
- Thallium
- Zinc

Ultra-Low Level Metals Assays

- Mercury

Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Solid

Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Cyanide, Total
- Phenolics, Total

Cold Vapor AA or Hydride AA

- Mercury

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Selenium
- Silver
- Thallium

- Zinc

ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Cadmium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Nickel
- Selenium
- Silver
- Thallium
- Zinc

Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Minnesota Valley Testing (MVTL)

ID: 999447680

PO Box 249

New Ulm MN 56073-

Phone: (507) 354-8517

Contact: Mary Ann Baumgart  
mbaumgart@mvtl.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Chloride
- Cyanide, Available
- Cyanide, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

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### Surfactants

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Ammonia as N
- Kjeldahl Nitrogen, Total
- Sulfide

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Silver
- Sodium
- Strontium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Copper
- Lead
- Molybdenum
- Nickel
- Selenium
- Silver

### Thallium

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

#### Cold Vapor Atomic Fluorescence Spectrometry

- Mercury

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Fluoride - SM 4500F- C
- Nitrate - EPA 353.2
- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 353.2

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Chloride
- Cyanide, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Phosphorus, Total
- Sulfate

#### Gravimetry - Residue

- Residue, Total

#### Titrimetry or Potentiometric Titration

- Ammonia as N
- Kjeldahl Nitrogen, Total
- Sulfide

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Silver
- Sodium

### Strontium

- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Copper
- Lead
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)

### National Testing Laboratories, Inc.

ID: 999462860

556 S Mansfield St

Ypsilanti MI 48197-

Phone: (734) 483-8333

Contact: Christine MacMillan  
cmacmillan@NTLLABS.com

TYPE: Commercial Environmental Lab

### Matrix: Drinking Water

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Bromate - EPA 326.0
- Bromide - EPA 300.0
- Bromide - EPA 300.1
- Chlorate - EPA 300.1
- Chlorine Dioxide - SM 4500-CIO<sub>2</sub> D
- Chlorite - EPA 300.1

#### Primary Inorganics (Non-Metals)

- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Antimony - SM 3113B
- Arsenic - EPA 200.8

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- Arsenic - SM 3113B
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.7
- Cadmium - EPA 200.8
- Chromium - EPA 200.7
- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Lead - SM 3113B
- Mercury - EPA 200.8
- Nickel - EPA 200.7
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Selenium - SM 3113B
- Thallium - EPA 200.8

### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - EPA 300.0
- Chlorine, Free - SM 4500-Cl G
- Chlorine, Total - SM 4500-Cl G
- Conductivity - SM 2510 B
- Foaming agents (MBAS) - SM 5540C
- Orthophosphate - EPA 300.0
- pH - EPA 150.1
- Sulfate - EPA 300.0
- TDS (Total Dissolved Solids) - SM 2540C
- Total Organic Carbon (TOC) - SM 5310 C
- Turbidity - SM 2130B

### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Magnesium - EPA 200.7
- Manganese - EPA 200.7
- Manganese - EPA 200.8
- Silica - EPA 200.7
- Silver - EPA 200.7
- Silver - EPA 200.8
- Sodium - EPA 200.7
- Zinc - EPA 200.7
- Zinc - EPA 200.8

### SOC - Organochlorine Pesticides

- Aldrin - EPA 505
- Aldrin - EPA 525.2
- Chlordane - EPA 505

- Dieldrin - EPA 505
- Dieldrin - EPA 525.2
- Endrin - EPA 505
- Endrin - EPA 525.2
- Heptachlor - EPA 505
- Heptachlor - EPA 525.2
- Heptachlor epoxide - EPA 505
- Heptachlor epoxide - EPA 525.2
- Lindane (gamma-BHC) - EPA 505
- Lindane (gamma-BHC) - EPA 525.2
- Methoxychlor - EPA 505
- Methoxychlor - EPA 525.2
- Toxaphene - EPA 505

### SOC - N/P Pesticides

- Alachlor - EPA 508.1
- Alachlor - EPA 525.2
- Atrazine - EPA 508.1
- Atrazine - EPA 525.2
- Butachlor - EPA 508.1
- Butachlor - EPA 525.2
- Metolachlor - EPA 508.1
- Metolachlor - EPA 525.2
- Metribuzin - EPA 508.1
- Metribuzin - EPA 525.2
- Propachlor - EPA 508.1
- Propachlor - EPA 525.2
- Simazine - EPA 508.1
- Simazine - EPA 525.2

### SOC - Herbicides

- 2,4-D - EPA 515.2
- 2,4-D - EPA 515.4
- Dalapon - EPA 515.4
- Dalapon - EPA 552.2
- Dicamba - EPA 515.2
- Dicamba - EPA 515.4
- Dinoseb - EPA 515.2
- Dinoseb - EPA 515.4
- Pentachlorophenol - EPA 515.2
- Pentachlorophenol - EPA 515.4
- Pentachlorophenol - EPA 525.2
- Picloram - EPA 515.2
- Picloram - EPA 515.4
- Silvex (2,4,5-TP) - EPA 515.2
- Silvex (2,4,5-TP) - EPA 515.4

### SOC - Miscellaneous

- 3-Hydroxycarbofuran - EPA 531.2
- Aldicarb - EPA 531.2
- Aldicarb Sulfone - EPA 531.2
- Aldicarb Sulfoxide - EPA 531.2

- Benzo[a]pyrene - EPA 525.2
- Carbaryl - EPA 531.2
- Carbofuran - EPA 531.2
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Glyphosate - EPA 547
- Hexachlorobenzene - EPA 505
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 505
- Hexachlorocyclopentadiene - EPA 525.2
- Methomyl - EPA 531.2
- Oxamyl (Vydate) - EPA 531.2
- PCBs (as Aroclors) Screening - EPA 505

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### **North Shore Analytical, Inc.**

ID: 399017190

4511 W. First St. Suite 1

Duluth

MN 55807-

Phone: (218) 729-4658

Contact: Christopher Gross

info@northshoreanalytical.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Ultra-Low Level Metals Assays

- Mercury

### **Matrix: Solid**

#### Ultra-Low Level Metals Assays

- Mercury

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### Northern Lake Service Inc. (Crandon)

ID: 721026460

400 North Lake Ave

Crandon WI 54520-1286

Phone: (715) 478-2777

Contact: Tom Priebe

TomP@nslab.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chlorophyll
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Alkalinity

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Sulfide
- Sulfite

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead

- Lithium
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Ultra-Low Level Metals Assays

- Mercury

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Acephate
- Alachlor
- Aspon
- Atrazine
- Azinphos ethyl
- Benfluralin
- Bolstar
- Bromoxynil octanoate
- Chlorfenvinphos
- Chlorothalonil
- Chlorpyrifos
- Chlorpyrifos Methyl
- Coumaphos
- Crotoxyphos
- Cyanazine
- Deethylatrazine
- DEF (Butifos)
- Deisopropylatrazine
- Dichlofenthion
- Dicrotophos
- Diesel Range Organics (DRO)
- EPN
- Ethalfluralin
- Ethoprop
- Fenarimol
- Fenitrothion
- Fensulfothion
- Fenthion

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- Gasoline Range Organics (GRO)
- Hexamethylphosphoramide
- Isopropalin
- Leptophos
- Malathion
- Merphos
- Methamidophos
- Metribuzin
- Mevinphos
- Monocrotophos
- Naled
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Petroleum VOC (PVOC)
- Phorate
- Phosalone
- Phosphamidon
- Prometon
- Propachlor
- Propanil
- Propazine
- Simazine
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Terbufos
- Terbutryn
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Triadimefon
- Trichloronate
- Trichlorphon
- Trifluralin
- Tri-o-cresylphosphate (TOCP)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Alachlor
- Atrazine
- Butylate
- Chlorpyrifos
- Cyanazine
- Deethylatrazine
- Deisopropylatrazine
- Dimethoate
- Disulfoton

- EPTC (Eptam)
- Fonofos
- Metolachlor
- Metribuzin
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Petroleum VOC (PVOC)
- Phorate
- Prometon
- Propachlor
- Propazine
- Simazine
- Terbufos
- Trifluralin

### Matrix: Drinking Water

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Bromide - EPA 300.0
- Bromide - EPA 300.1
- Chlorate - EPA 300.1

#### Primary Inorganics (Non-Metals)

- Cyanide - SM 4500-CN- C,E
- Fluoride - EPA 300.0
- Fluoride - SM 4500F- C
- Nitrate - EPA 300.0
- Nitrate - SM 4500-NO3- F
- Nitrate + Nitrite - EPA 300.0
- Nitrate + Nitrite - SM 4500-NO3- F
- Nitrite - EPA 300.0
- Nitrite - SM 4500-NO2- B

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.7
- Cadmium - EPA 200.8
- Chromium - EPA 200.7
- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - EPA 200.8

- Selenium - EPA 200.8
- Thallium - EPA 200.8

#### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - EPA 300.0
- Orthophosphate - SM 4500-P E
- Sulfate - EPA 300.0

#### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Aluminum - EPA 200.8
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Magnesium - EPA 200.7
- Manganese - EPA 200.7
- Manganese - EPA 200.8
- Silver - EPA 200.7
- Silver - EPA 200.8
- Sodium - EPA 200.7
- Zinc - EPA 200.7
- Zinc - EPA 200.8

#### SOC - Organochlorine Pesticides

- Aldrin - EPA 525.2
- Chlordane - EPA 505
- Dieldrin - EPA 525.2
- Endrin - EPA 525.2
- Heptachlor - EPA 525.2
- Heptachlor epoxide - EPA 525.2
- Lindane (gamma-BHC) - EPA 525.2
- Methoxychlor - EPA 525.2
- Toxaphene - EPA 505

#### SOC - N/P Pesticides

- Alachlor - EPA 525.2
- Atrazine - EPA 525.2
- Butachlor - EPA 525.2
- Metolachlor - EPA 525.2
- Metribuzin - EPA 525.2
- Propachlor - EPA 525.2
- Simazine - EPA 525.2

#### SOC - Miscellaneous

- 3-Hydroxycarbofuran - EPA 531.1
- Aldicarb - EPA 531.1
- Aldicarb Sulfone - EPA 531.1
- Aldicarb Sulfoxide - EPA 531.1
- Benzo[a]pyrene - EPA 525.2
- Carbaryl - EPA 531.1
- Carbofuran - EPA 531.1
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1



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- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Glyphosate - EPA 547
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 525.2
- Methomyl - EPA 531.1
- Oxydemeton-Methyl (Vydete) - EPA 531.1
- PCBs (as Decachlorobiphenyl) - EPA 508A

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### **Matrix: Solid**

#### Colorimetry / Turbidimetry

- Ammonia as N
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

#### Electrometric Assay (ISE)

- Ammonia as N
- Fluoride

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Chloride
- Sulfate

#### Titrimetry or Potentiometric Titration

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron

- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Acephate
- Alachlor
- Aspon
- Atrazine
- Azinphos ethyl
- Benfluralin
- Bolstar
- Bromoxynil octanoate
- Chlorfenvinphos
- Chlorothalonil
- Chlorpyrifos
- Chlorpyrifos Methyl
- Coumaphos
- Crotoxypfos
- Cyanazine
- Deethylatrazine
- DEF (Butifos)
- Deisopropylatrazine
- Dichlorfenthion
- Dicrotophos
- Diesel Range Organics (DRO)
- EPN
- Ethalfuralin
- Ethoprop

- Fenarimol
- Fenitrothion
- Fensulfothion
- Fenthion
- Gasoline Range Organics (GRO)
- Hexamethylphosphoramide
- Isopropalin
- Leptophos
- Malathion
- Merphos
- Methamidophos
- Metribuzin
- Mevinphos
- Monocrotophos
- Naled
- Norflurazon
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pendimethalin
- Petroleum VOC (PVOC)
- Phorate
- Phosalone
- Phosphamidon
- Prometon
- Propachlor
- Propanil
- Propazine
- Simazine
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Terbufos
- Terbutryn
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Triadimefon
- Trichloronate
- Trichlorphon
- Trifluralin
- Tri-o-cresylphosphate (TOCP)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Alachlor
- Atrazine
- Butylate
- Chlorpyrifos
- Cyanazine



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- Deethylatrazine
- Deisopropylatrazine
- Dimethoate
- Disulfoton
- EPTC (Eptam)
- Fonofos
- Metolachlor
- Metribuzin
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Petroleum VOC (PVOC)
- Phorate
- Prometon
- Propachlor
- Propazine
- Simazine
- Terbufos
- Trifluralin

### Waste Characterization Extractions

- EPTOX Extraction
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability of Solids

### **Northern Lake Service Inc. (Waukesha)**

ID: 268533760

2420 North Grandview Blvd  
Waukesha WI 53188-  
Phone: (262) 547-3406

Contact: Mark Milanowski  
markm@nlsilab.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Chromium (Hexavalent)

#### Electrometric Assay (ISE)

- pH

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

### **Matrix: Drinking Water**

#### Primary Inorganics (Non-Metals)

- Fluoride - SM 4500F- C
- Nitrate - EPA 353.2

- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 353.2

### **Northland College ARE Laboratory**

ID: 802057300

Sigurd Olson Environmental Ins  
Ashland WI 54806-  
Phone: (715) 682-1810

Contact: Chris McNerney  
cmcnerney@northland.edu  
TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Colorimetry / Turbidimetry

- Chlorophyll
- Orthophosphate
- Phosphorus, Total

#### Electrometric Assay (ISE)

- Nitrate

#### Gravimetry - Residue

- Residue, Nonfilterable (TSS)

### **Operation and Management Services (O**

ID: 460100850

380 Woodlake Road  
Kohler WI 53044-  
Phone: (920) 457-1869

Contact: Bruce Neerhof  
sbneerhof@att.net  
TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Electrometric Assay (ISE)

- Ammonia as N

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)

### **PACE Analytical Services - Florida**

ID: 399079670

8 East Tower Circle  
Ormond Beach FL 32174-  
Phone: (386) 672-5668

Contact: Lynn Baylor  
lynn.baylor@pacelabs.com  
TYPE: Commercial Environmental Lab

### **Matrix: Drinking Water**

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Bromide - EPA 300.0
- Bromide - EPA 300.1
- Chlorate - EPA 300.1

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrate - EPA 353.2
- Nitrate + Nitrite - EPA 300.0
- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 300.0
- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

- Barium - EPA 200.7
- Beryllium - EPA 200.7
- Cadmium - EPA 200.7
- Chromium - EPA 200.7
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7

#### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - EPA 300.0
- Conductivity - SM 2510 B
- Foaming agents (MBAS) - SM 5540C
- Orthophosphate - EPA 300.0
- Orthophosphate - EPA 365.1
- pH - SM 4500-H+ B
- Sulfate - EPA 300.0
- TDS (Total Dissolved Solids) - SM 2540C
- Turbidity - EPA 180.1

#### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Magnesium - EPA 200.7
- Manganese - EPA 200.7
- Silica - EPA 200.7
- Silica - SM 4500-Si D
- Silver - EPA 200.7
- Sodium - EPA 200.7
- Zinc - EPA 200.7

#### SOC - Organochlorine Pesticides

- Aldrin - EPA 525.2
- Chlordane - EPA 508.1

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- Dieldrin - EPA 508.1
- Endrin - EPA 508.1
- Heptachlor - EPA 508.1
- Heptachlor epoxide - EPA 508.1
- Lindane (gamma-BHC) - EPA 508.1
- Methoxychlor - EPA 508.1
- Toxaphene - EPA 508.1

### SOC - N/P Pesticides

- Alachlor - EPA 508.1
- Atrazine - EPA 508.1
- Butachlor - EPA 508.1
- Butachlor - EPA 525.2
- Metolachlor - EPA 508.1
- Metolachlor - EPA 525.2
- Metribuzin - EPA 508.1
- Metribuzin - EPA 525.2
- Propachlor - EPA 508.1
- Propachlor - EPA 525.2
- Simazine - EPA 508.1

### SOC - Herbicides

- 2,4-D - EPA 515.3
- Dalapon - EPA 515.3
- Dicamba - EPA 515.3
- Dinoseb - EPA 515.3
- Pentachlorophenol - EPA 515.3
- Picloram - EPA 515.3
- Silvex (2,4,5-TP) - EPA 515.3

### SOC - Miscellaneous

- Benzo[a]pyrene - EPA 525.2
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Hexachlorobenzene - EPA 508.1
- Hexachlorocyclopentadiene - EPA 508.1
- PCBs (as Aroclors) Screening - EPA 508.1

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### **PACE Analytical Services (IND)**

ID: 999788130

**7901 W MORRIS ST**

**Indianapolis IN 46231-**

**Phone: (317) 390-3182**

**Contact: Gregory Busch**

**greg.busch@heritage-enviro.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Surfactants

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Kjeldahl Nitrogen, Total

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum

- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Ultra-Low Level Metals Assays

- Mercury

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

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- 2,4,5-T
- 2,4-D
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Silvex (2,4,5-TP)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Diallate (cis or trans)
- Dimethoate
- Disulfoton
- Famphur
- Phorate
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.8
- Chromium - EPA 200.7
- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - EPA 200.8
- Selenium - EPA 200.8

#### Secondary Contaminants (Non-Metals)

- Sulfate - EPA 300.0

#### Secondary Contaminants (Metals)

- Sodium - EPA 200.7

#### SOC - Miscellaneous

- Carbofuran - EPA 531.1
- Dibromochloropropane (DBCP) - EPA 504.1
- Diquat - EPA 549.2
- Ethylene Dibromide (EDB) - EPA 504.1
- Oxamyl (Vydate) - EPA 531.1

### Volatile Organic Compounds (VOC)

- ## VOCS, REGULATED (group) - EPA 524.2

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total

#### Gravimetry - Residue

- Residue, Total

#### Titrimetry or Potentiometric Titration

- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4-D
- Silvex (2,4,5-TP)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

#### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

#### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability of Solids
- Ignitability, Pensky-Martens Closed Cup
- Ignitability, Setaflash Closed Cup

### **PACE Analytical Services, Inc. (Green Bay)**

**ID: 405132750**

**1241 Bellevue Street**

**Green Bay**

**WI 54302-**

**Phone: (920) 469-2436**

**Contact: Kate Grams**

**Kate.grams@pacelabs.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chromium (Hexavalent)
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO3

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- Alkalinity
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

Cold Vapor AA or Hydride AA

- Mercury

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese

- Mercury
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

Ultra-Low Level Metals Assays

- Mercury

Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### Matrix: Drinking Water

Primary Inorganics (Non-Metals)

- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0

### Matrix: Solid

Colorimetry / Turbidimetry

- Ammonia as N
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Phosphorus, Total

Combustion or Oxidation

- Organic Carbon, Total (TOC)

Gravimetry - Residue

- Residue, Total

Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

Titrimetry or Potentiometric Titration

- Sulfide

- Sulfides, Acid-Soluble and Acid-Insoluble

Cold Vapor AA or Hydride AA

- Mercury

ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel

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- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup

### **Pace Analytical Services, Inc. - Duluth**

ID: 399066580

P.O. Box 16102

Duluth MN 55806-

Phone: (218) 727-9308

Contact: Deborah Griffiths

Deborah.Griffiths@pacelabs.com

TYPE: Commercial Environmental Lab

**Matrix: Aqueous**

### Ultra-Low Level Metals Assays

- Mercury

### **Pace Analytical Services, Inc. - Virginia**

ID: 998027470

P.O. Box 1212

Virginia MN 55792-

Phone: (218) 735-6700

Contact: Deborah Griffiths

Deborah.Griffiths@pacelabs.com

TYPE: Commercial Environmental Lab

**Matrix: Aqueous**

### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chlorine, Total Residual (TRC)
- Chlorophyll
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Phosphorus, Total
- Turbidity

### Combustion or Oxidation

- Organic Carbon, Total (TOC)

### Electrometric Assay (ISE)

- pH
- Specific Conductance

### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

### Titrimetry or Potentiometric Titration

- Alkalinity

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>

- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

**Matrix: Solid**

### Gravimetry - Residue

- Residue, Total

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron

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- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)
- Oil&Grease, Hexane Ext. Material (HEM)

### Gravimetry - Oil&Grease

### Titrimetry or Potentiometric Titration

- Alkalinity

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury

- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB CONGENERS (group)
- Benzene
- Diesel Range Organics (DRO)
- Ethylbenzene
- Gasoline Range Organics (GRO)
- m-Xylene
- o-Xylene
- Petroleum VOC (PVOC)
- p-Xylene
- Toluene

### GC-Mass Spectrometry (GC/MS)

- ## DIOXINS & FURANS (group)
- ## PAH (group)
- ## PCB CONGENERS (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### High Resolution GC/MS

- ## DIOXINS & FURANS (group)
- ## PCB CONGENERS (group)

**PACE Analytical Services, Inc. (MSP)**  
**ID: 999407970**  
**1700 SE Elm St. Suite 200**  
**Minneapolis MN 55414-**  
**Phone: (612) 607-1700**  
**Contact: Cynthia Kunakom**  
**Cynthia.Kunakom@pacelabs.com**  
**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Nitrate
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

#### Electrometric Assay (ISE)

- Fluoride
- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Fluoride - SM 4500F- C

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.8
- Beryllium - EPA 200.8
- Cadmium - EPA 200.8
- Chromium - EPA 200.8
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Thallium - EPA 200.8

#### Secondary Contaminants (Metals)

- Aluminum - EPA 200.8
- Manganese - EPA 200.8
- Silver - EPA 200.8



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- Zinc - EPA 200.8

### SOC - Dioxin

- 2,3,7,8-TCDD (Dioxin) - EPA 1613

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Volatile Organic Compounds (VOC)

- ## VOCS, REGULATED (group) - EPA 524.2

### Matrix: Solid

### Electrometric Assay (ISE)

- pH

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron

- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PCB CONGENERS (group)
- Benzene
- Diesel Range Organics (DRO)
- Ethylbenzene
- Gasoline Range Organics (GRO)
- m-Xylene
- o-Xylene
- Petroleum VOC (PVOC)
- p-Xylene
- Toluene

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## PCB CONGENERS (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### High Resolution GC/MS

- ## DIOXINS & FURANS (group)
- ## PCB CONGENERS (group)

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### **PDC Laboratories, Inc. - Peoria**

ID: 998284430

**2231 West Altorfer Dr**

**Peoria IL 61615-**

**Phone: (309) 692-9688**

**Contact: Michael Travis**  
**mtravis@pdclab.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Solid

### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Chromium (Hexavalent)

- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Phenolics, Total
- Phosphorus, Total

### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Magnesium

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- Manganese
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability of Solids
- Ignitability, Small Scale Closed Cup

### **Quality Water Testing, Inc.**

ID: 656111390

395 Reed St

Somerset WI 54025-

Phone: (715) 247-4873

Contact: Tim Butterfield  
qualitywater@timbutterfielddrilling.com

TYPE: Commercial Environmental Lab

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrate - SM 4500-NO3- D

### **Scientific Control Laboratories, Inc.**

ID: 998091930

3158 S. Kolin

Chicago IL 60623-

Phone: (773) 254-2406

Contact: Linda Kenny  
lkenny@scilweb.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)

#### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Cyanide, Available

- Cyanide, Total
- Orthophosphate
- Phosphorus, Total

### Electrometric Assay (ISE)

- Fluoride

### Gravimetry - Residue

- Residue, Nonfilterable (TSS)

### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

### Ion Chromatography (IC)

- Fluoride
- Orthophosphate

### Cold Vapor AA or Hydride AA

- Mercury

### Flame AA

- Cadmium
- Chromium (Total)
- Copper
- Iron
- Lead
- Manganese
- Nickel
- Silver
- Tin
- Zinc

### ICP Emission Spectrometry (ICP)

- Aluminum
- Arsenic
- Cadmium
- Chromium (Total)
- Copper
- Iron
- Lead
- Manganese
- Nickel
- Selenium
- Silver
- Tin
- Zinc

### **SF Analytical Laboratories, Inc.**

ID: 241249360

2345 South 170th Street

New Berlin WI 53151-

Phone: (262) 754-5300

Contact: Joe Pickar  
jpickar@sflabs.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Fluoride
- Kjeldahl Nitrogen, Total
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

### Titrimetry or Potentiometric Titration

- Alkalinity
- Chloride
- Sulfide

### Flame AA

- Silver

### Graphite Furnace AA

- Arsenic
- Lead
- Selenium

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium

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- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

### Cold Vapor Atomic Fluorescence Spectrometry

- Mercury

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Copper - SM 3111B
- Lead - SM 3113B

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Fluoride
- Kjeldahl Nitrogen, Total
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite

- Orthophosphate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Chloride
- Sulfide

#### Flame AA

- Silver

#### Graphite Furnace AA

- Arsenic
- Molybdenum
- Selenium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### Waste Characterization Extractions

- TCLP Extraction

#### Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup
- Ignitability, Setaflash Closed Cup

#### Cold Vapor Atomic Fluorescence Spectrometry

- Mercury

### **Siemens Energy Inc**

ID: 737053130

**301 West Military Road**

**Rothschild**

**WI 54474-**

**Phone: (715) 359-7226**

**Contact: Bruce Schertz**

**bruce.schertz@siemens.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Turbidity

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Fluoride
- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Chloride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Alkalinity
- Ammonia as N
- Sulfide
- Sulfite

#### Cold Vapor AA or Hydride AA

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### Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Strontium
- Thallium
- Vanadium
- Zinc

**Matrix: Solid**

#### Colorimetry / Turbidimetry

- Ammonia as N
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

#### Electrometric Assay (ISE)

- Fluoride
- pH

#### Gravimetry - Residue

- Residue, Total
- Residue, Volatile (TVS)

#### Ion Chromatography (IC)

- Chloride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Ammonia as N

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium

### Zinc

#### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

#### Waste Characterization Assays

- Paint Filters Liquids Test

### Summit Environmental Technologies, Inc

ID: 399013010

3310 Win Street

Cuyahoga Falls OH 44223-

Phone: (330) 253-8211

Contact: Meegan Dougherty

MDougherty@settek.com

TYPE: Commercial Environmental Lab

**Matrix: Aqueous**

#### Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Phenolics, Total

#### Combustion or Oxidation

- Adsorbable Organic Halides (AOX)
- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium

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- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Strontium
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Azinphos ethyl

- Bolstar
- Coumaphos
- Dicamba
- Dichlorprop (2,4-DP)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Fensulfothion
- Fenthion
- MCPA
- MCPP (Mecoprop)
- Merphos
- Mevinphos
- Naled
- Silvex (2,4,5-TP)
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- TEPP (Tetraethyl pyrophosphate)
- Tokuthion (Prothiofos)
- Trichloronate

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### High Resolution GC/MS

- ## DIOXINS & FURANS (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Matrix: Drinking Water

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Bromide - EPA 300.1
- Chlorate - EPA 300.1
- Chlorite - EPA 300.1

#### Primary Inorganics (Non-Metals)

- Cyanide - SM 4500-CN- C,E
- Cyanide, Amenable - SM 4500-CN- C,G
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.7
- Cadmium - EPA 200.8
- Chromium - EPA 200.7

- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Thallium - EPA 200.8

### Secondary Contaminants (Non-Metals)

- Chloride - EPA 300.0
- Orthophosphate - EPA 300.0
- Sulfate - EPA 300.0
- TDS (Total Dissolved Solids) - SM 2540C

### Secondary Contaminants (Metals)

- Aluminum - EPA 200.7
- Aluminum - EPA 200.8
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Manganese - EPA 200.7
- Manganese - EPA 200.8
- Silica - EPA 200.7
- Silver - EPA 200.7
- Silver - EPA 200.8
- Sodium - EPA 200.7
- Zinc - EPA 200.7
- Zinc - EPA 200.8

### SOC - Dioxin

- 2,3,7,8-TCDD (Dioxin) - EPA 1613

### SOC - Organochlorine Pesticides

- Chlordane - EPA 508
- Endrin - EPA 508
- Heptachlor - EPA 508
- Heptachlor epoxide - EPA 508
- Lindane (gamma-BHC) - EPA 508
- Methoxychlor - EPA 508
- Toxaphene - EPA 508

### SOC - N/P Pesticides

- Alachlor - EPA 525.2
- Atrazine - EPA 525.2
- Simazine - EPA 525.2

### SOC - Herbicides

- 2,4-D - EPA 515.1
- Dalapon - EPA 515.1
- Dinoseb - EPA 515.1
- Pentachlorophenol - EPA 515.1
- Picloram - EPA 515.1
- Silvex (2,4,5-TP) - EPA 515.1

### SOC - Miscellaneous

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- Benzo[a]pyrene - EPA 525.2
- Carbofuran - EPA 531.2
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Glyphosate - EPA 547
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 525.2
- Oxamyl (Vydate) - EPA 531.2
- PCBs (as Aroclors) Screening - EPA 508

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Cyanide, Total
- Sulfide

#### Titrimetry or Potentiometric Titration

- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Manganese
- Nickel
- Selenium
- Silver
- Thallium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium

- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Strontium
- Thallium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- 2,4-D
- Benzene
- Chlordane (Technical)
- Endrin
- Ethylbenzene
- gamma-BHC (Lindane)
- Heptachlor
- Heptachlor Epoxide
- Methoxychlor
- m-Xylene
- o-Xylene
- p-Xylene
- Silvex (2,4,5-TP)
- Toluene
- Toxaphene

#### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

#### Waste Characterization Extractions

- TCLP Extraction

#### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup

### **SWD Labs, LLC**

ID: 111083830

**PO Box 150**

**Randolph**

**WI 53956-**

**Phone: (920) 326-5193**

**Contact: Sharon Pluim**

**sharonp@samswelldrilling.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrate - SM 4500-NO3- D

### **Synergy Environmental Lab, LLC**

ID: 445037560

**1990 Prospect Court**

**Appleton**

**WI 54914-**

**Phone: (920) 830-2455**

**Contact: Michael Ricker**

**mrsynergy@wi.twcbc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Alkalinity
- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Cyanide, Available
- Cyanide, Total
- Hardness, Total as CaCO3
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phosphorus, Total
- Sulfate

#### Electrometric Assay (ISE)

- Fluoride

#### Gravimetry - Residue

- Residue, Nonfilterable (TSS)
- Residue, Total

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Gas Chromatography (GC)

- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Naphthalene
- Petroleum VOC (PVOC)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### Matrix: Drinking Water

#### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

#### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2

### Matrix: Solid

#### Gravimetry - Residue



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### ▪ Residue, Total

#### Gas Chromatography (GC)

- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)
- Naphthalene
- Petroleum VOC (PVOC)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Petroleum VOC (PVOC)

### **TestAmerica - Cedar Falls**

ID: 999917270

**704 Enterprise Drive**

**Cedar Falls IA 50613-**

**Phone: (319) 277-2401**

**Contact: Thomas Tjaden**

**Tom.Tjaden@testamericainc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Ammonia as N
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrite

#### Electrometric Assay (ISE)

- pH

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Cold Vapor AA or Hydride AA

- Mercury

#### Graphite Furnace AA

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony

- Arsenic

- Barium

- Beryllium

- Boron

- Cadmium

- Calcium

- Chromium (Total)

- Cobalt

- Copper

- Iron

- Lead

- Magnesium

- Manganese

- Molybdenum

- Nickel

- Potassium

- Selenium

- Silver

- Sodium

- Strontium

- Thallium

- Tin

- Titanium

- Vanadium

- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

- ## PESTICIDES, ORGANOCHLORINE (group)

- Diesel Range Organics (DRO)

- Ethanol

- Ethylene Glycol

- Gasoline Range Organics (GRO)

- Methanol

- m-Xylene

- o-Xylene

- Petroleum VOC (PVOC)

- Propylene Glycol

- p-Xylene

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)

- ## SEMIVOLATILES [BNA] (group)

- ## VOLATILE ORGANICS [VOC] (group)

#### Liquid Chromatography (HPLC)

- ## PAH (group)

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N

- Kjeldahl Nitrogen, Total

- Nitrate

- Nitrite

#### Electrometric Assay (ISE)

- pH

#### Gravimetry - Residue

- Residue, Total

#### Cold Vapor AA or Hydride AA

- Mercury

#### Graphite Furnace AA

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

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- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Ethanol
- Ethylene Glycol
- Gasoline Range Organics (GRO)
- Methanol
- m-Xylene
- o-Xylene
- Petroleum VOC (PVOC)
- Propylene Glycol
- p-Xylene

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup

### **TestAmerica Chicago**

ID: 999580010

**2417 Bond Street**

**University Park IL 60484-**

**Phone: (708) 534-5200**

**Contact: Nadine Jernberg**

**Nadine.Jernberg@testamericainc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate

- Phenolics, Total
- Phosphorus, Total
- Sulfate

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Electrometric Assay (ISE)

- Fluoride
- Oxygen, Dissolved
- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Settleable
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Alkalinity
- Chemical Oxygen Demand (COD)
- Chlorine, Total Residual (TRC)
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper

- Hardness, Total as CaCO3
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

# Wisconsin Department of Natural Resources

## List of Certified Commercial Laboratories

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- 2,4,5-T
- 2,4-D
- 2,4-DB
- 4-Nitrophenol
- Dalapon
- Dicamba
- Dichlorprop (2,4-DP)
- Diesel Range Organics (DRO)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Gasoline Range Organics (GRO)
- Pentachlorophenol
- Picloram
- Silvex (2,4,5-TP)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Diallate (cis or trans)
- Kepone
- Pentachloronitrobenzene (PCNB)
- Petroleum VOC (PVOC)
- Pronamide

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Matrix: Solid

### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

### Electrometric Assay (ISE)

- Fluoride
- pH
- Specific Conductance

### Gravimetry - Residue

- Residue, Total
- Residue, Volatile (TVS)

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate
- Chemical Oxygen Demand (COD)
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

### Titrimetry or Potentiometric Titration

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron

- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Dalapon
- Dicamba
- Dichlorprop (2,4-DP)
- Diesel Range Organics (DRO)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Gasoline Range Organics (GRO)
- Pentachlorophenol
- Picloram
- Silvex (2,4,5-TP)

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Diallate (cis or trans)
- Petroleum VOC (PVOC)

### Liquid Chromatography (HPLC)

- ## PAH (group)

### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

# Wisconsin Department of Natural Resources

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- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup
- Paint Filters Liquids Test

### TestAmerica Buffalo

ID: 998310390

10 Hazelwood Dr

Amherst

NY 14228-2298

Phone: (716) 691-2600

Contact: Brad Prinzi

Brad.Prinzi@testamericainc.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Alkalinity
- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Chlorine, Total Residual (TRC)
- Chromium (Hexavalent)
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate
- Sulfide
- Surfactants
- Turbidity

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Electrometric Assay (ISE)

- Fluoride
- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Sulfate

#### Titrimetry or Potentiometric Titration

- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese

- Molybdenum

- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- Benzene
- Dalapon
- Dichlorprop (2,4-DP)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Ethylbenzene
- Methyl tert-Butyl Ether (MtBE)
- Pentachlorophenol
- Picloram
- Silvex (2,4,5-TP)
- Toluene
- Xylenes, Total

#### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Atrazine
- Diallate (cis or trans)
- Dimethoate
- Disulfoton
- Famphur
- Isodrin
- Kepone
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pentachloronitrobenzene (PCNB)
- Phorate
- Pronamide
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite

# Wisconsin Department of Natural Resources

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- Nitrite
- Phenolics, Total
- Sulfate

### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

### Electrometric Assay (ISE)

- pH
- Specific Conductance

### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Sulfate

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)

- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- Benzene
- Dalapon
- Dichlorprop (2,4-DP)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Ethylbenzene
- Methyl tert-Butyl Ether (MtBE)
- Pentachlorophenol
- Picloram
- Silvex (2,4,5-TP)
- Toluene
- Xylenes, Total

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- Atrazine
- Diallylate (cis or trans)
- Dimethoate
- Disulfoton
- Famphur
- Isodrin
- Kepone
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pentachloronitrobenzene (PCNB)
- Phorate
- Pronamide
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)

### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction

- TCLP Extraction

### **TestAmerica Denver**

ID: 999615430

**4955 Yarrow Street**

**Arvada**

**CO 80002-**

**Phone: (800) 572-8958**

**Contact: Margaret Sleevei**

**Peggy.Sleevei@testamericainc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidity

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfide
- Turbidity

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Electrometric Assay (ISE)

- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Settleable
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride

# Wisconsin Department of Natural Resources

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- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- Sulfite

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium

- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 1,2-Dichlorobenzene
- 1,3-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Atrazine
- Azinphos ethyl
- Azinphos methyl (Guthion)
- Benzene
- Bolstar
- Carbophenothion
- Chlorobenzene
- Chlorpyrifos
- Coumaphos
- Dalapon
- Demeton-O
- Demeton-S
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Dichlorvos (DDVP)
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPN
- Ethoprop
- Ethylbenzene
- Famphur
- Fensulfothion
- Fenthion
- Malathion

- MCPA
- MCPP (Mecoprop)
- Merphos
- Methyl tert-Butyl Ether (MtBE)
- Mevinphos
- m-Xylene
- Naled
- Naphthalene
- o-Xylene
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Phorate
- Phosmet (Imidan)
- Picloram
- Propazine
- p-Xylene
- Ronnel
- Silvex (2,4,5-TP)
- Simazine
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Toluene
- Trichloronate
- Xylenes, Total

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)
- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Diamino-6-nitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- HMX
- Nitrobenzene
- Nitroglycerin
- PETN (Pentaerythritol tetranitrate)
- Picric Acid (Trinitrophenol)
- RDX



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- Tetryl

### **Matrix: Solid**

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Electrometric Assay (ISE)

- pH
- Specific Conductance

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead

- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Phosphorus, Total
- Potassium
- Selenium
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 1,2-Dichlorobenzene
- 1,3-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Atrazine
- Azinphos ethyl
- Azinphos methyl (Guthion)
- Benzene
- Bolstar
- Carbophenothion
- Chlorobenzene

- Chlorpyrifos
- Coumaphos
- Dalapon
- Demeton-O
- Demeton-S
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Dichlorvos (DDVP)
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPN
- Ethoprop
- Ethylbenzene
- Famphur
- Fensulfothion
- Fenthion
- Malathion
- MCPA
- MCPP (Mecoprop)
- Merphos
- Methyl tert-Butyl Ether (MtBE)
- Mevinphos
- m-Xylene
- Naled
- Naphthalene
- o-Xylene
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Phorate
- Phosmet (Imidan)
- Picloram
- Propazine
- p-Xylene
- Ronnel
- Silvex (2,4,5-TP)
- Simazine
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Toluene
- Trichloronate
- Xylenes, Total

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

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### Liquid Chromatography (HPLC)

- ## PAH (group)
- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Diamino-6-nitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- HMX
- Nitrobenzene
- Nitroglycerin
- PETN (Pentaerythritol tetranitrate)
- Picric Acid (Trinitrophenol)
- RDX
- Tetryl

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup

#### **TestAmerica Knoxville**

ID: 998044300

5815 Middlebrook Pike

Knoxville TN 37921-

Phone: (865) 291-3000

Contact: Kevin McGee

Kevin.McGee@testamericainc.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### High Resolution GC/MS

- ## DIOXINS & FURANS (group)
- ## PCB CONGENERS (group)

### **Matrix: Solid**

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### High Resolution GC/MS

- ## DIOXINS & FURANS (group)
- ## PCB CONGENERS (group)

#### **TestAmerica Nashville**

ID: 998020430

2960 Foster Creighton Dr

Nashville TN 37204-0566

Phone: (615) 726-0177

Contact: Mary Louise Linn

MaryL.Linn@testamericainc.com

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Chromium (Hexavalent)
- Cyanide, Available
- Cyanide, Total
- Iron
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate
- Sulfide

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

#### Electrometric Assay (ISE)

- Fluoride

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Sulfate

### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Sulfide

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum

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- Nickel
- Selenium
- Silver
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Diesel Range Organics (DRO)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)
- Silvex (2,4,5-TP)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)
- Acetaldehyde
- Formaldehyde

### Matrix: Solid

#### Colorimetry / Turbidimetry

- Chromium (Hexavalent)
- Cyanide, Total
- Phenolics, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Organic Halides, Extractable (EOX)

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Sulfate

#### Titrimetry or Potentiometric Titration

- Sulfide

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Tin

- Titanium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Diesel Range Organics (DRO)
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Gasoline Range Organics (GRO)
- Petroleum VOC (PVOC)
- Silvex (2,4,5-TP)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Liquid Chromatography (HPLC)

- ## PAH (group)
- Acetaldehyde
- Formaldehyde

### Waste Characterization Extractions

- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Corrosivity Toward Steel
- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup

### **TestAmerica North Canton**

ID: 999518190

**4101 Shuffel Drive NW**

**North Canton OH 44720-**

**Phone: (330) 497-9396**

**Contact: Dorothy Leeson**

**dorothy.leeson@testamericainc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Chemical Oxygen Demand (COD)
- Chloride
- Cyanide, Available
- Cyanide, Total
- Orthophosphate
- Phenolics, Total

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- Phosphorus, Total
- Sulfide

### Combustion or Oxidation

- Organic Carbon, Total (TOC)

### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)

### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Nitrite
- Orthophosphate
- Sulfate

### Titrimetry or Potentiometric Titration

- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium

- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Solid

### Colorimetry / Turbidimetry

- Chloride
- Cyanide, Available
- Cyanide, Total
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfide

### Combustion or Oxidation

- Organic Carbon, Total (TOC)

### Gravimetry - Residue

- Residue, Total

### Ion Chromatography (IC)

- Chloride
- Fluoride

- Nitrate
- Nitrite
- Orthophosphate
- Sulfate

### Titrimetry or Potentiometric Titration

- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

### Cold Vapor AA or Hydride AA

- Mercury

### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Magnesium
- Manganese

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- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Ultra-Low Level Metals Assays

- Mercury

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)

### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Waste Characterization Extractions

- TCLP Extraction

### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup

### **TestAmerica Pittsburgh**

ID: 998027800

**301 Alpha Drive RIDC Park  
Pittsburgh PA 15238-  
Phone: (412) 963-7058**

**Contact: Deborah Lowe  
Debbie.Lowe@testamericainc.com  
TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Cyanide, Total
- Nitrate
- Nitrate + Nitrite
- Nitrite
- Phenolics, Total
- Surfactants
- Turbidity

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Electrometric Assay (ISE)

- Oxygen, Dissolved
- pH

- Specific Conductance

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Settleable
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Gravimetry - Oil&Grease

- Oil&Grease, Hexane Ext. Material (HEM)

#### Ion Chromatography (IC)

- Bromide
- Chloride
- Fluoride
- Nitrate
- Nitrite
- Orthophosphate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Lithium
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silica
- Silicon

- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silicon
- Silver
- Sodium
- Strontium
- Thallium
- Tin
- Titanium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PCB CONGENERS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Azinphos methyl (Guthion)
- Bolstar
- Chlorpyrifos
- Coumaphos
- Dalapon

# Wisconsin Department of Natural Resources

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<ul style="list-style-type: none"> <li>Demeton-O</li> <li>Demeton-S</li> <li>Diazinon</li> <li>Dicamba</li> <li>Dichlorprop (2,4-DP)</li> <li>Dichlorvos (DDVP)</li> <li>Dimethoate</li> <li>Dinoseb (2-sec-butyl-4,6-Dinitrophenol)</li> <li>Disulfoton</li> <li>EPN</li> <li>Ethoprop</li> <li>Famphur</li> <li>Fensulfothion</li> <li>Fenthion</li> <li>Malathion</li> <li>MCPA</li> <li>MCPP (Mecoprop)</li> <li>Mevinphos</li> <li>Parathion (Parathion Ethyl)</li> <li>Parathion Methyl</li> <li>Pentachlorophenol</li> <li>Phorate</li> <li>Ronnel</li> <li>Silvex (2,4,5-TP)</li> <li>Sulfotepp (Tetraethyl dithiopyrophosphate)</li> <li>Tetrachlorvinphos (Stirofos)</li> <li>Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)</li> <li>Tokuthion (Prothiofos)</li> <li>Trichloronate</li> </ul>	<ul style="list-style-type: none"> <li>Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)</li> </ul> <p><u>Flow Injection-Gas Diffusion-Amperometry</u></p> <ul style="list-style-type: none"> <li>Cyanide, Available</li> </ul> <p><b>Matrix: Solid</b></p> <p><u>Colorimetry / Turbidimetry</u></p> <ul style="list-style-type: none"> <li>Ammonia as N</li> <li>Chloride</li> <li>Cyanide, Total</li> <li>Phenolics, Total</li> </ul> <p><u>Combustion or Oxidation</u></p> <ul style="list-style-type: none"> <li>Organic Carbon, Total (TOC)</li> </ul> <p><u>Electrometric Assay (ISE)</u></p> <ul style="list-style-type: none"> <li>pH</li> <li>Specific Conductance</li> </ul> <p><u>Gravimetry - Residue</u></p> <ul style="list-style-type: none"> <li>Residue, Total</li> <li>Residue, Volatile (TVS)</li> </ul> <p><u>Ion Chromatography (IC)</u></p> <ul style="list-style-type: none"> <li>Bromide</li> <li>Chloride</li> <li>Fluoride</li> <li>Nitrate</li> <li>Nitrite</li> <li>Orthophosphate</li> <li>Sulfate</li> </ul> <p><u>Titrimetry or Potentiometric Titration</u></p> <ul style="list-style-type: none"> <li>Sulfide</li> <li>Sulfides, Acid-Soluble and Acid-Insoluble</li> </ul> <p><u>Cold Vapor AA or Hydride AA</u></p> <ul style="list-style-type: none"> <li>Mercury</li> </ul> <p><u>ICP Emission Spectrometry (ICP)</u></p> <ul style="list-style-type: none"> <li>Aluminum</li> <li>Antimony</li> <li>Arsenic</li> <li>Barium</li> <li>Beryllium</li> <li>Boron</li> <li>Cadmium</li> <li>Calcium</li> <li>Chromium (Total)</li> <li>Cobalt</li> <li>Copper</li> <li>Iron</li> <li>Lead</li> <li>Lithium</li> <li>Magnesium</li> <li>Manganese</li> <li>Molybdenum</li> </ul>	<ul style="list-style-type: none"> <li>Nickel</li> <li>Phosphorus, Total</li> <li>Potassium</li> <li>Selenium</li> <li>Silicon</li> <li>Silver</li> <li>Sodium</li> <li>Strontium</li> <li>Thallium</li> <li>Tin</li> <li>Titanium</li> <li>Vanadium</li> <li>Zinc</li> </ul> <p><u>ICP-Mass Spectrometry (ICP/MS)</u></p> <ul style="list-style-type: none"> <li>Aluminum</li> <li>Antimony</li> <li>Arsenic</li> <li>Barium</li> <li>Beryllium</li> <li>Boron</li> <li>Cadmium</li> <li>Calcium</li> <li>Chromium (Total)</li> <li>Cobalt</li> <li>Copper</li> <li>Iron</li> <li>Lead</li> <li>Magnesium</li> <li>Manganese</li> <li>Molybdenum</li> <li>Nickel</li> <li>Potassium</li> <li>Selenium</li> <li>Silicon</li> <li>Silver</li> <li>Sodium</li> <li>Strontium</li> <li>Thallium</li> <li>Tin</li> <li>Titanium</li> <li>Vanadium</li> <li>Zinc</li> </ul> <p><u>Gas Chromatography (GC)</u></p> <ul style="list-style-type: none"> <li>## PCB as AROCLORS (group)</li> <li>## PCB CONGENERS (group)</li> <li>## PESTICIDES, ORGANOCHLORINE (group)</li> <li>2,4,5-T</li> <li>2,4-D</li> <li>2,4-DB</li> </ul>
<p><u>GC-Mass Spectrometry (GC/MS)</u></p> <ul style="list-style-type: none"> <li>## SEMIVOLATILES [BNA] (group)</li> <li>## VOLATILE ORGANICS [VOC] (group)</li> <li>4-Nitrophenol</li> <li>Atrazine</li> <li>Carbaryl</li> <li>Diallate (cis or trans)</li> <li>Dimethoate</li> <li>Dinoseb (2-sec-butyl-4,6-Dinitrophenol)</li> <li>Disulfoton</li> <li>Famphur</li> <li>Isodrin</li> <li>Kepone</li> <li>Parathion (Parathion Ethyl)</li> <li>Pentachloronitrobenzene (PCNB)</li> <li>Pentachlorophenol</li> <li>Pronamide</li> <li>Sulfotepp (Tetraethyl dithiopyrophosphate)</li> </ul>		



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- Azinphos methyl (Guthion)
- Bolstar
- Chlorpyrifos
- Coumaphos
- Dalapon
- Demeton-O
- Demeton-S
- Diazinon
- Dicamba
- Dichlorprop (2,4-DP)
- Dichlorvos (DDVP)
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- EPN
- Ethoprop
- Famphur
- Fensulfothion
- Fenthion
- Malathion
- MCPA
- MCPP (Mecoprop)
- Mevinphos
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pentachlorophenol
- Phorate
- Ronnel
- Silvex (2,4,5-TP)
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)
- Tokuthion (Prothiofos)
- Trichloronate

### GC-Mass Spectrometry (GC/MS)

- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)
- 4-Nitrophenol
- Carbaryl
- Diallate (cis or trans)
- Dimethoate
- Dinoseb (2-sec-butyl-4,6-Dinitrophenol)
- Disulfoton
- Famphur
- Isodrin
- Kepone
- Parathion (Parathion Ethyl)
- Parathion Methyl
- Pentachloronitrobenzene (PCNB)

- Pentachlorophenol
- Pronamide
- Sulfotepp (Tetraethyl dithiopyrophosphate)
- Thionazin (O,O-Diethyl O-2-pyrazinyl phosphorothioate)

### Waste Characterization Extractions

- Multiple Extraction Procedure
- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

### Waste Characterization Assays

- Ignitability, Pensky-Martens Closed Cup
- Ignitability, Setaflash Closed Cup
- Paint Filters Liquids Test

### **TestAmerica Savannah**

ID: 999819810

**5102 LaRoche Avenue**

**Savannah GA 31404-**

**Phone: (912) 354-7858**

**Contact: Andrea Teal**  
**andrea.teal@testamericainc.com**

**TYPE: Commercial Environmental Lab**

### Matrix: Aqueous

#### Combustion or Oxidation

- Adsorbable Organic Halides (AOX)
- Organic Halides, Total (TOX)

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium

- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- ## PCB CONGENERS (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### GC-Mass Spectrometry (GC/MS)

- ## PCB CONGENERS (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### Matrix: Drinking Water

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Chlorite - EPA 300.1

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrate + Nitrite - EPA 300.0
- Nitrite - EPA 300.0
- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

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- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.7
- Barium - EPA 200.8
- Beryllium - EPA 200.7
- Beryllium - EPA 200.8
- Cadmium - EPA 200.7
- Cadmium - EPA 200.8
- Chromium - EPA 200.7
- Chromium - EPA 200.8
- Copper - EPA 200.7
- Copper - EPA 200.8
- Lead - EPA 200.8
- Mercury - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.7
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Thallium - EPA 200.8

### Secondary Contaminants (Non-Metals)

- Sulfate - EPA 300.0

### Secondary Contaminants (Metals)

- Sodium - EPA 200.7

### SOC - Organochlorine Pesticides

- Chlordane - EPA 508
- Endrin - EPA 508
- Endrin - EPA 525.2
- Heptachlor - EPA 508
- Heptachlor - EPA 525.2
- Heptachlor epoxide - EPA 508
- Heptachlor epoxide - EPA 525.2
- Lindane (gamma-BHC) - EPA 508
- Lindane (gamma-BHC) - EPA 525.2
- Methoxychlor - EPA 508
- Methoxychlor - EPA 525.2
- Toxaphene - EPA 508

### SOC - N/P Pesticides

- Alachlor - EPA 525.2
- Atrazine - EPA 525.2
- Simazine - EPA 525.2

### SOC - Herbicides

- 2,4-D - EPA 515.1
- Dalapon - EPA 515.1
- Dinoseb - EPA 515.1
- Pentachlorophenol - EPA 515.1
- Picloram - EPA 515.1
- Silvex (2,4,5-TP) - EPA 515.1

### SOC - Miscellaneous

- Benzo[a]pyrene - EPA 525.2

- Carbofuran - EPA 531.1
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Glyphosate - EPA 547
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 525.2
- Oxamyl (Vydate) - EPA 531.1

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2

### Matrix: Solid

#### Electrometric Assay (ISE)

- Organic Halides, Extractable (EOX)

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Strontium
- Thallium
- Vanadium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium

- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)

#### GC-Mass Spectrometry (GC/MS)

- ## PCB CONGENERS (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

### **TG Analytical Laboratories**

ID: 445158340

PO Box 170

Greenville WI 54942-

Phone: (920) 757-1355

Contact: Daniel Schlenz  
dan@tgalabs.com

TYPE: Commercial Environmental Lab

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Fluoride - EPA 300.0
- Nitrate - EPA 300.0
- Nitrite - EPA 300.0

#### Primary Inorganics (Metals)

- Arsenic - SM 3113B
- Copper - SM 3113B
- Lead - SM 3113B

## Wisconsin Department of Natural Resources

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#### TJ/H2b Analytical Services USA, LLC

ID: 113138740

800 Wilburn Rd Suite "K"  
Sun Prairie WI 53590-  
Phone: (608) 825-2022

Contact: Doreen Runge  
runge@tjh2b.com

TYPE: Commercial Environmental Lab

#### Matrix: Solid

##### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### TriMatrix Laboratories, Inc

ID: 999472650

5560 Corporate Exchange Court  
Grand Rapids MI 49512-  
Phone: (616) 975-4500

Contact: Rick Wilburn  
wilburnr@trimatrixlabs.com

TYPE: Commercial Environmental Lab

#### Matrix: Aqueous

##### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

##### Colorimetry / Turbidimetry

- Ammonia as N
- Chemical Oxygen Demand (COD)
- Chloride
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrite
- Orthophosphate
- Phenolics, Total
- Phosphorus, Total
- Sulfate
- Sulfide
- Surfactants

##### Combustion or Oxidation

- Organic Carbon, Total (TOC)
- Organic Halides, Total (TOX)

##### Electrometric Assay (ISE)

- Fluoride

##### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

- Residue, Volatile (TVS)
  - Residue, Volatile, Nonfilterable (TVSS)
- Gravimetry - Oil&Grease
- Oil&Grease, Hexane Ext. Material (HEM)
- Ion Chromatography (IC)
- Chloride
  - Fluoride
  - Nitrate
  - Nitrite
  - Sulfate

##### Titrimetry or Potentiometric Titration

- Acidity as CaCO<sub>3</sub>
- Alkalinity
- Hardness, Total as CaCO<sub>3</sub>
- Sulfide
- Sulfides, Acid-Soluble and Acid-Insoluble
- Sulfite

##### Cold Vapor AA or Hydride AA

- Mercury

##### ICP Emission Spectrometry (ICP)

- Aluminum
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Strontium
- Thallium
- Vanadium
- Zinc

##### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium

- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

##### Ultra-Low Level Metals Assays

- Mercury

##### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
  - ## PESTICIDES, ORGANOCHLORINE (group)
  - Diesel Range Organics (DRO)
  - Gasoline Range Organics (GRO)
  - Petroleum VOC (PVOC)
- GC-Mass Spectrometry (GC/MS)
- ## PAH (group)
  - ## SEMIVOLATILES [BNA] (group)
  - ## VOLATILE ORGANICS [VOC] (group)

##### Liquid Chromatography (HPLC)

- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Diamino-6-nitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- Acetaldehyde
- Butanal
- Crotonaldehyde
- Cyclohexanone
- Decanal
- Formaldehyde
- Heptanal
- Hexanal
- HMX
- m-Tolualdehyde
- Nitrobenzene
- Nitroglycerin
- Nonanal

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- Octanal
- Pentanal (Valeraldehyde)
- PETN (Pentaerythritol tetranitrate)
- Propanal (Propionaldehyde)
- RDX

### **Matrix: Solid**

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Cyanide, Available
- Cyanide, Total
- Kjeldahl Nitrogen, Total
- Nitrate
- Phenolics, Total
- Phosphorus, Total
- Sulfate

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Gravimetry - Residue

- Residue, Total

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Sulfate

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Magnesium
- Manganese
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Strontium
- Thallium
- Vanadium

- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver
- Thallium
- Vanadium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)
- ## PESTICIDES, ORGANOCHLORINE (group)
- Diesel Range Organics (DRO)
- Gasoline Range Organics (GRO)

#### GC-Mass Spectrometry (GC/MS)

- ## PAH (group)
- ## SEMIVOLATILES [BNA] (group)
- ## VOLATILE ORGANICS [VOC] (group)

#### Liquid Chromatography (HPLC)

- 1,3,5-Trinitrobenzene
- 1,3-Dinitrobenzene
- 2,4,6-Trinitrotoluene
- 2,4-Diamino-6-nitrotoluene
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Amino-4,6-dinitrotoluene
- 2-Nitrotoluene
- 3-Nitrotoluene
- 4-Amino-2,6-dinitrotoluene
- 4-Nitrotoluene
- Acetaldehyde
- Butanal
- Crotonaldehyde
- Cyclohexanone
- Decanal
- Formaldehyde
- Heptanal
- Hexanal
- HMX

- m-Tolualdehyde
- Nitrobenzene
- Nitroglycerin
- Nonanal
- Octanal
- Pentanal (Valeraldehyde)
- PETN (Pentaerythritol tetranitrate)
- Propanal (Propionaldehyde)
- RDX

#### Waste Characterization Extractions

- Reagent Water Shake Extraction (ASTM Leach Test)
- SPLP Extraction
- TCLP Extraction

#### Waste Characterization Assays

- Ignitability, Setflash Closed Cup

#### **UL LLC**

ID: 999766900

110 South Hill St

South Bend

IN 46617-

Phone: (574) 233-4777

Contact: Dale Piechocki  
dale.r.piechocki@ul.com

TYPE: Commercial Environmental Lab

### **Matrix: Drinking Water**

#### Disinfection Byproducts

- ## HALOACETIC ACIDS (5) - EPA 552.2
- Bromate - EPA 300.1
- Bromate - EPA 317.0 Rev. 2.0
- Bromide - EPA 300.0
- Chlorite - EPA 300.0

#### Primary Inorganics (Non-Metals)

- Cyanide - EPA 335.4
- Cyanide - QuikChem10-204-00-1-X
- Fluoride - EPA 300.0
- Fluoride - SM 4500F- C
- Fluoride - Technicon 380-75WE
- Nitrate - EPA 300.0
- Nitrate - EPA 353.2
- Nitrate + Nitrite - EPA 353.2
- Nitrite - EPA 353.2

#### Primary Inorganics (Metals)

- Antimony - EPA 200.8
- Arsenic - EPA 200.8
- Barium - EPA 200.8
- Beryllium - EPA 200.8
- Cadmium - EPA 200.8
- Chromium - EPA 200.8
- Copper - EPA 200.8

### **Matrix**

#### Technology

Analyte (or \* Analyte Group)

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- Lead - EPA 200.8
- Mercury - EPA 245.1
- Nickel - EPA 200.8
- Selenium - EPA 200.8
- Thallium - EPA 200.8

### Secondary Contaminants (Non-Metals)

- Alkalinity - SM 2320B
- Chloride - EPA 300.0
- Chlorine, Free - SM 4500-Cl G
- Chlorine, Total - SM 4500-Cl G
- Conductivity - SM 2510 B
- Orthophosphate - SM 4500-P E
- pH - EPA 150.1
- Sulfate - EPA 300.0
- TDS (Total Dissolved Solids) - SM 2540C
- Turbidity - EPA 180.1

### Secondary Contaminants (Metals)

- Aluminum - EPA 200.8
- Calcium - EPA 200.7
- Iron - EPA 200.7
- Magnesium - EPA 200.7
- Manganese - EPA 200.8
- Silica - EPA 200.7
- Silver - EPA 200.8
- Sodium - EPA 200.7
- Zinc - EPA 200.8

### SOC - Dioxin

- 2,3,7,8-TCDD (Dioxin) - EPA 1613

### SOC - Organochlorine Pesticides

- Aldrin - EPA 525.2
- Chlordane - EPA 505
- Dieldrin - EPA 525.2
- Endrin - EPA 525.2
- Heptachlor - EPA 525.2
- Heptachlor epoxide - EPA 525.2
- Lindane (gamma-BHC) - EPA 525.2
- Methoxychlor - EPA 525.2
- Toxaphene - EPA 505

### SOC - N/P Pesticides

- Alachlor - EPA 525.2
- Atrazine - EPA 525.2
- Butachlor - EPA 525.2
- Metolachlor - EPA 525.2
- Metribuzin - EPA 525.2
- Propachlor - EPA 525.2
- Simazine - EPA 525.2

### SOC - Herbicides

- 2,4-D - EPA 515.3
- Dalapon - EPA 515.3

- Dicamba - EPA 515.3
- Dinoseb - EPA 515.3
- Pentachlorophenol - EPA 515.3
- Picloram - EPA 515.3
- Silvex (2,4,5-TP) - EPA 515.3

### SOC - Miscellaneous

- 3-Hydroxycarbofuran - EPA 531.1
- 3-Hydroxycarbofuran - EPA 531.2
- Aldicarb - EPA 531.1
- Aldicarb - EPA 531.2
- Aldicarb Sulfone - EPA 531.1
- Aldicarb Sulfone - EPA 531.2
- Aldicarb Sulfoxide - EPA 531.1
- Aldicarb Sulfoxide - EPA 531.2
- Benzo[a]pyrene - EPA 525.2
- Carbaryl - EPA 531.1
- Carbaryl - EPA 531.2
- Carbofuran - EPA 531.1
- Carbofuran - EPA 531.2
- Di(2-ethylhexyl)adipate - EPA 525.2
- Di(2-ethylhexyl)phthalate - EPA 525.2
- Dibromochloropropane (DBCP) - EPA 504.1
- Diquat - EPA 549.2
- Endothall - EPA 548.1
- Ethylene Dibromide (EDB) - EPA 504.1
- Glyphosate - EPA 547
- Hexachlorobenzene - EPA 525.2
- Hexachlorocyclopentadiene - EPA 525.2
- Methomyl - EPA 531.1
- Methomyl - EPA 531.2
- Oxamyl (Vydate) - EPA 531.1
- Oxamyl (Vydate) - EPA 531.2
- PCBs (as Aroclors) Screening - EPA 505

### Trihalomethanes (THM)

- ## THM (group) - EPA 524.2
- ## THM (group) - EPA 551.1

### Volatile Organic Compounds (VOC)

- ## VOCs, REGULATED (group) - EPA 524.2
- ## VOCs, UNREGULATED (group) - EPA 524.2

### **UW - Soil and Plant Analysis Lab**

ID: 113363800

8452 Mineral Point Road

Madison

WI 53593-

Phone: (608) 262-4364

Contact: Ibrahim Saeed

iasaeed@wisc.edu

TYPE: Commercial Environmental Lab

### **Matrix: Aqueous**

#### Colorimetry / Turbidimetry

- Ammonia as N
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite

#### Gravimetry - Residue

- Residue, Total

### **Matrix: Solid**

#### Colorimetry / Turbidimetry

- Ammonia as N
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite

#### Gravimetry - Residue

- Residue, Total

### **UW-Oshkosh Env. Research & Innovatio**

ID: 471183460

800 ALGOMA BLVD

OSHKOSH

WI 54901-

Phone: (920) 424-3148

Contact: Kimberly Busse

bussek@uwosh.edu

TYPE: Commercial Environmental Lab

### **Matrix: Drinking Water**

#### Primary Inorganics (Non-Metals)

- Nitrate - SM 4500-NO3- E
- Nitrate - SM 4500-NO3- F
- Nitrate + Nitrite - SM 4500-NO3- E
- Nitrate + Nitrite - SM 4500-NO3- F
- Nitrite - SM 4500-NO2- B
- Nitrite - SM 4500-NO3- F

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### UWSP Water and Environmental Analysis

ID: 750040280

800 Reserve Street

Stevens Point WI 54481-

Phone: (715) 346-3209

Contact: Bill DeVita

wdevita@uwsp.edu

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)

#### Colorimetry / Turbidimetry

- Ammonia as N
- Chloride
- Chlorophyll
- Kjeldahl Nitrogen, Total
- Nitrate + Nitrite
- Orthophosphate
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total
- Residue, Volatile (TVS)
- Residue, Volatile, Nonfilterable (TVSS)

#### Ion Chromatography (IC)

- Chloride
- Fluoride
- Nitrate
- Sulfate

#### Titrimetry or Potentiometric Titration

- Alkalinity
- Chemical Oxygen Demand (COD)
- Hardness, Total as CaCO<sub>3</sub>

#### Cold Vapor AA or Hydride AA

- Mercury

#### ICP Emission Spectrometry (ICP)

- Aluminum
- Arsenic
- Barium
- Boron
- Cadmium
- Calcium
- Chromium (Total)
- Cobalt
- Copper

- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Zinc

### Matrix: Drinking Water

#### Primary Inorganics (Non-Metals)

- Nitrate + Nitrite - SM 4500-NO<sub>3</sub>-F

### Vista Analytical Laboratory Inc

ID: 998036160

1104 Windfield Way

El Dorado Hills CA 95762-

Phone: (916) 673-1520

Contact: Calvin Tanaka

calvin@vista-analytical.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### High Resolution GC/MS

- ## DIOXINS & FURANS (group)
- ## PCB CONGENERS (group)

### Matrix: Drinking Water

#### SOC - Dioxin

- 2,3,7,8-TCDD (Dioxin) - EPA 1613

### Matrix: Solid

#### High Resolution GC/MS

- ## DIOXINS & FURANS (group)
- ## PCB CONGENERS (group)

### White Water Associates, Inc.

ID: 999971280

P.O. Box 27

Amasa MI 49903-

Phone: (906) 822-7373

Contact: Bette Premo, Ph.D.

bette.premo@white-water-associates.com

TYPE: Commercial Environmental Lab

### Matrix: Aqueous

#### Demand assays

- Biochemical Oxygen Demand (BOD)
- Carbonaceous Oxygen Demand (cBOD)

#### Colorimetry / Turbidimetry

- Alkalinity

- Chemical Oxygen Demand (COD)
- Chloride
- Kjeldahl Nitrogen, Total
- Nitrate
- Nitrate + Nitrite
- Orthophosphate
- Phosphorus, Total

#### Combustion or Oxidation

- Organic Carbon, Total (TOC)

#### Gravimetry - Residue

- Residue, Filterable (TDS)
- Residue, Nonfilterable (TSS)
- Residue, Total

#### Titrimetry or Potentiometric Titration

- Alkalinity

#### ICP Emission Spectrometry (ICP)

- Arsenic
- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Hardness, Total as CaCO<sub>3</sub>
- Iron
- Lead
- Magnesium
- Manganese
- Potassium
- Selenium
- Silver
- Sodium
- Zinc

#### ICP-Mass Spectrometry (ICP/MS)

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Chromium (Total)
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Molybdenum
- Nickel
- Selenium
- Silver



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- Strontium
- Thallium
- Vanadium
- Zinc

#### GC-Mass Spectrometry (GC/MS)

- ## VOLATILE ORGANICS [VOC] (group)

#### Matrix: Solid

##### Gravimetry - Residue

- Residue, Total

##### ICP Emission Spectrometry (ICP)

- Arsenic
- Cadmium
- Calcium
- Chromium (Total)
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Potassium
- Selenium
- Silver
- Sodium
- Zinc

#### GC-Mass Spectrometry (GC/MS)

- ## VOLATILE ORGANICS [VOC] (group)

#### **WRR Environmental Services Co., Inc.**

ID: 618026530

5200 Ryder Rd

Eau Claire WI 54701-

Phone: (715) 834-9624

Contact: Eric Gunderson  
egunders@wrres.com

TYPE: Commercial Environmental Lab

#### Matrix: Aqueous

##### ICP Emission Spectrometry (ICP)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### Matrix: Solid

##### ICP Emission Spectrometry (ICP)

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium (Total)
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium
- Zinc

#### Gas Chromatography (GC)

- ## PCB as AROCLORS (group)

#### Waste Characterization Assays

- Corrosivity, Liquids
- Ignitability, Pensky-Martens Closed Cup
- Waste Analysis, Other